

## EEB response to the Call for Evidence on the Targeted revision of the Water Framework Directive (2000/60/EC)

14 April 2026

The EEB submits the following contribution to the Call for Evidence on the Targeted revision of the Water Framework Directive. As outlined below, a revision of the Water Framework Directive (WFD) is not justified, nor needed and would go against the view of [close to 400,000 people](#) who oppose the weakening of Europe's environmental laws.

The WFD is a cornerstone of EU environmental legislation, and as we outline below, a revision would entail significant risks for Europe's water resilience, competitiveness as well as slow down efforts to close implementation gaps.

Negative water impacts of mining and processing projects, including those designated as Strategic Projects under the Critical Raw Materials Act, are nearly universal, as mapping of the EEB reveals. While these impacts can be mitigated by technical measures, the incentives to invest in such measures will be reduced if legal standards are lowered.

We therefore urge the Commission to refrain from revising the WFD and instead focus time and resources on supporting permitting authorities to comply with the WFD objectives, including for mining and processing projects.

### A revision of the WFD is not needed, nor justified

Firstly, we want to emphasize our deep concerns with the Commission's announcement in the RESource EU Action Plan to review and revise the Water Framework Directive (WFD). Committing to revise the WFD before evaluating that this is necessary, without analysis of what the environmental, societal and economic impacts would be, and without exploring different policy options or coherence with other EU policies and objectives is not in line with the Commission's own rules on better law-making that sets out that policies should be made based on the best available evidence.

The European Commission evaluated the WFD in 2018-2019 and concluded the directive fit for purpose and with sufficient flexibility in 2020. No evidence has been brought forward that a revision is needed, nor how it would promote circularity and access to critical raw materials in the EU. It is telling

that the Commission, in the call for evidence, is asking for “evidence of specific bottlenecks and problems in the permitting of CRM projects that stem from the WFD” when the revision has already been announced. This indicates that the announced revision is only responding to claims from the mining sector and not to a real need for revision.

The WFD is the EU’s key tool to protect coastal and freshwaters and to ensure a fair balance between different water users. It has an inbuilt flexibility and subsidiarity in terms of allowing national authorities to grant permits, under specific conditions, also for projects that are damaging for water. This is the case with Article 4.7 that allows derogations from the WFD’s non-deterioration principle, for example if the project is considered being of overriding public interest, something which is determined at national level.

Additional flexibility was granted in the [political deal on updated EU water pollution standards](#), struck in September 2025. The deal introduced two new exemptions to Article 4.7, allowing deterioration if it is deemed short-term or if it is resulting from the relocation of water or sediment from one water body to another.

Agriculture, mining and other industries already operate successfully within WFD rules across Europe and often invest in water treatment and mitigation measures to meet environmental objectives. Weakening these standards would punish these frontrunners while creating an uneven level playing field.

## **A revision entails significant risks for Europe’s resilience, competitiveness and water protection goals**

A revision of the WFD carries significant risks for Europe’s water resilience, competitiveness, and unfair shifting of costs from the mining sector to taxpayers and other economic sectors that depend on access to clean and sufficient water supply.

### **Undermining Europe’s water resilience**

[Droughts already affect 20% of Europe's land each year](#), while water-related disasters have multiplied and intensified during recent years, with severe consequences for people and the economy. At the same time, water pollution across the EU remains significant, with [less than 30% of surface water](#)

[bodies meeting EU quality standards](#), putting at risk the right to access to clean water and burdening public budgets and drinking water bills.

[The European Environment Agency has](#) underlined that "Urgent action is required to improve Europe's water resilience" and the European Commission, in the Water Resilience Strategy, emphasised that "Achieving water resilience will depend on enhanced implementation of the comprehensive EU water acquis".

The WFD protects Europe's water quality and quantity by requiring Member States to prevent and remediate water pollution and to ensure that water abstraction is kept at levels which are not surpassing the amounts that are replenished. Weakening those rules and allowing certain sectors to pollute or abstract more, will undermine Europe's water resilience and the prosperity of all that depends on it.

### **Undermining Europe's competitiveness**

Healthy aquatic ecosystems and the services they provide are the foundation of Europe's prosperity. They carry a massive [economic value of €11 trillion in Europe](#) – about 2.5 times the GDP of Germany.

There is ample evidence that environmental regulation drives innovation and is a means to boost competitiveness. A 2024 [study from the European Central Bank](#) concluded that decisive environmental policy action is essential for increasing clean technology innovation, which in turn is vital for delivering emission reduction at a lower cost in the future. As an illustration, the introduction of the Water Ecological Civilisation City Pilot policy in China, a new environmental policy, has [resulted in pollution reduction while increasing the number of green patent applications](#).

[Business actors view](#) that "a stable, ambitious regulatory framework is key to encouraging investment, innovation, and sustainable business practices".

Weakening water protection rules for some sectors therefore not only undermines the success of others that depend on clean and sufficient water, it also punishes frontrunners that have invested in e.g. water treatment.

## Undermining efforts to close implementation gaps

EU Member States are far from delivering on their legal obligation to bring Europe's waters to good status by 2027 at the latest. After 2027, Member States will have less room to justify non-compliance with the WFD, meaning that the next River Basin Management Plans (RBMPs) will be the first 'real' implementation plans.

Implementation of legal requirements and translating them into ecological outcomes requires planning, monitoring and investment by Member States. Revising the WFD at this moment risks taking valuable time and resources away from national authorities that are now drafting the 4th RBMPs, covering the period 2028-2033.

The Water Resilience Strategy launched several flagship initiatives to help close implementation gaps. These include [Structured Dialogues](#), which were launched in November last year with aim to identify and try and overcome implementation gaps by 2027. Revising the rules in this crucial moment, create uncertainty and risk undermining this process.

In the RESource EU Action Plan, the Commission also announced a guidance document that on environmental permitting, including aspects related to the mining sector. We find it premature to revise the WFD before giving Member States a chance to make use of this guidance.

## Environmental and social impacts of CRM projects

### Environmental impacts

Nearly all Strategic Projects have documented impact on water, please see Annex.

The EEB has compiled a Mining-Water Impact Database covering 59 EU/EEA mining and processing projects, including 41 with CRMA Strategic Project status (mining and processing). Our review reveals that water impacts are near-universal. Risks include water-related concerns across nearly all sites, including risks to surface water quality, groundwater contamination, aquifer depletion, and impacts on drinking water supplies.

• **13 projects rated "CRITICAL" for WFD relevance** — where weakening the Directive would directly remove protections for drinking water, transboundary river basins, or strategic aquifers.

- **11 projects with the highest water impact score (5/5)** — indicating severe, documented contamination risks.

- **All 59 projects present water-related concerns**, ranging from groundwater depletion and acid mine drainage to drinking water contamination and Natura 2000 impacts.

### Examples include:

- **Barroso (Portugal):** This lithium project, designated a Strategic Project in March 2025, threatens a UNESCO-designated Globally Important Agricultural Heritage System. Independent analysis has raised concerns about risks to the Beça, Tâmega, and Douro river systems from the proposed mine waste.

- **Norra Kärr (Sweden):** The proposed rare earth mine sits 1.5 km from Lake Vättern, which provides drinking water to over 300,000 people. The project would involve open-pit mining and waste storage at 120 metres above lake level, creating long-term contamination risks to this critical freshwater source.

- **Rovina (Romania):** This gold-copper Strategic Project has been deemed illegal by Romanian courts, yet received Commission designation. It threatens pristine nature and local water systems.

- **Cobre Las Cruces (Spain):** This copper mine operates beneath the strategic aquifer supplying Seville (700,000+ residents). Executives were criminally convicted for aquifer contamination. If WFD protections are weakened, the legal basis for protecting strategic drinking water sources is removed.

### Social impacts

- **Opaque decision-making:** The Commission adopted a closed process for Strategic Project designation with no public access to applications, assessment criteria, or evaluations — even for directly affected communities. Despite "meaningful engagement" being a statutory requirement (Article 6(1)(c) CRMA), no formal process exists for public input before designation.

- **Pattern of procedural failures:** In September 2025, the UN Aarhus Convention Compliance Committee ruled Portugal breached the Convention regarding Barroso. Authorities withheld environmental information, missed response deadlines, and set unreasonably short consultation

periods. The Commission designated it a Strategic Project regardless. Similarly, Rovina received strategic status despite Romanian court findings of illegality.

- **Legal challenges mounting:** In February 2026, ClientEarth and local community group UDCB filed a legal challenge at the EU Court of Justice against the Commission's Barroso designation. These cases show Strategic Project status is being granted to projects with unresolved legal and environmental issues. This creates, not reduce, investment uncertainty.

## Mitigation measures

### Curbing demand

The most effective way to reduce mining's water impacts is to reduce primary extraction. The EU's material footprint is near 15 tonnes per capita, double the sustainable limit. Despite representing only 6% of global population, the EU consumes 25-30% of metals produced worldwide.

Demand reduction potential is significant and quantified:

- [T&E analysis](#) shows that smaller batteries, improved chemistries, and reduced car dependency could cut EU battery metal demand by 36-49% by 2050, with smaller battery sizes alone delivering 19-27% reduction.
- [ICCT modelling](#) confirms that reducing average EV battery size by 20% would cut global battery demand by 27-28% in 2035-2050.
- [WWF/SINTEF research demonstrates](#) that circular economy strategies could reduce total mineral demand by 18% between 2022 and 2030 through reduced demand, extended lifetimes, and improved recycling.

Recycling is necessary but insufficient alone. The CRMA targets 25% of strategic raw materials from recycling by 2030, yet the [EU's circular material use rate](#) stands at just 12.2% (2024) and the EEA confirms the EU is not on track to double this by 2030. Secondary materials will cover only a limited share of demand before 2035-2040 due to materials locked in products still in use.

## Technical Impact Mitigation Measures

Advanced technical measures already demonstrate what is possible when mining operates within the WFD's preventive and no-deterioration mandate, yet they alone cannot guarantee long-term ecological and chemical water status:

- **Closed-Loop Water Circuits:** Modern mines can recycle up to 90% of process water, reducing freshwater abstraction and discharge. However, these figures represent best-case scenarios under ideal conditions. The Talvivaara mine in Finland had water recycling systems yet still suffered catastrophic leaks contaminating surrounding lakes. Consistent high performance requires rigorous monitoring, maintenance, and enforcement, precisely the regulatory functions a weakened WFD would undermine.
- **Advanced Water Treatment Technologies:** Instead of seeking exemptions to pollute, "frontrunner" companies are already deploying [Reverse Osmosis \(RO\)](#), Nanofiltration, and Ion Exchange to remove heavy metals and sulfates to meet EU quality standards. These technologies, however, are still end-of-pipe solutions that manage pollution after it is created, rather than preventing it at source. Without parallel investments in source control and catchment protection, reliance on such technologies risks misaligning with the WFD's prevention-first hierarchy and no-deterioration mandate.
- **Dry Stacking of Tailings:** This method removes water from waste (tailings) before storage. It significantly reduces the risk of catastrophic dam failures and minimizes groundwater seepage and acid mine drainage potential by limiting water-oxygen contact with sulfide minerals. However, dry stacking reduces but does not eliminate long-term seepage risks, particularly in high-rainfall climates, or where fine-grained tailings are produced, or where geochemical conditions favor acid generation. Site-specific hydrogeological and geochemical assessment remains essential to ensure compliance with the WFD's Article 4 "no deterioration" mandate. Additionally, dry stacking is not universally applicable, as projects in wet regions or with certain ore types may find it technically or economically unfeasible.
- **Passive Treatment Systems:** Using constructed wetlands or reactive barriers to naturally treat mine drainage, providing a long-term, low-energy solution for protecting surface waters. Passive systems are valuable complements to active treatment but cannot substitute for robust permitting, monitoring, and the precautionary principle. Constructed wetlands require years to mature,

significant land area, and ongoing maintenance and their effectiveness varies with climate, contaminant load, and hydrology. Legacy sites like Silvermines and Tynagh in Ireland demonstrate that even with passive measures, heavy metal contamination can persist for decades. Passive systems work best within a regulatory framework that prioritises prevention over remediation, the very framework the WFD revision risks weakening.

While advanced mitigation technologies demonstrate what is technically possible, they are not a substitute for the WFD's preventive, precautionary framework, and their effectiveness depends on the very monitoring, enforcement, and public oversight that a weakened Directive would undermine.

## Recommendations

### We recommend the European Commission to:

- Refrain from revising the WFD and instead focus resources (both at DG ENV as well as at national authorities) on closing implementation and enforcement gaps of the existing water acquis;
- Allow Member States time to make use of the announced guidance documents on exemptions and environmental permitting, as well as the new flexibilities introduced in the recent deal on priority substances, and then assess if a revision is needed;
- Follow the [recommendations from the European Ombudsman](#) and follow the Better Regulation rules, even in matters that are considered urgent.
- Ensure regulatory coherence between the WFD and the Mining BREF: Finalise updated MIN BREF BAT conclusions that explicitly use the WFD's "no deterioration" and "good status" objectives as compliance benchmarks.

# Mining-Water Impact Database

EU/EEA Mining and Processing Projects: Water Impact & WFD Relevance

European Environmental Bureau (EEB) — Compiled for WFD advocacy | Updated March 2026

## Database Summary:

- **59 EU/EEA mining and processing projects** analysed
- **41 projects** with CRMA Strategic Project status
- **13 projects** rated CRITICAL for WFD relevance
- **11 projects** with highest water impact score (5/5)
- All 59 projects present documented water-related concerns

## Colour Legend:

<b>WFD Relevance</b>	CRITICAL	RELEVANT	CAUTIONARY	
<b>Water Impact Score</b>	5	4	3	2

## Section 1: EU/EEA Mining Projects Database

ID	Project Name	Country	Type	Mineral(s)	Company	CRMA Status	Score	Primary Water Risk	WFD Relevance	Sources
1	Jadar Lithium-Borates Project	Serbia (EU candidate)	Mine	Lithium, Borates	Rio Tinto	YES — Non-EU CRMA Strategic (Jun 2025)	5	River contamination; Acid mine drainage; Groundwater arsenic/boron; Transboundary risk	CRITICAL: Demonstrates transboundary contamination risk across multiple WFD river basin districts. If WFD weakened, "no deterioration" protection for Drina-Sava-Danube system removed. CRMA strategic status prioritises extraction over water protection.	Nature Scientific Reports (retracted); Science (AAAS); BHRC; Peoples Dispatch; TNI
2	Mina do Barroso Lithium Mine	Portugal	Mine	Lithium	Savannah Resources	YES — CRMA Strategic Project (EU list). Commiss...	5	Drinking water contamination; Spring/river pollution; Agricultural water loss	CRITICAL: Strategic status retained despite scientific evidence of water risk. Demonstrates how CRMA designation overrides precautionary principle. WFD "no deterioration" is communities' main legal defence.	Euronews; ClientEarth (Jun 2025); Climate Home News
3	Nussir Copper Mine / Repparfjord	Norway (EEA)	Mine	Copper	Blue Moon Metals / Nussir ASA	YES — CRMA Strategic Project (non-EU strategic,...	5	Submarine tailings disposal; Fjord ecosystem destruction; Salmon habitat loss	CRITICAL: Submarine tailings disposal directly violates WFD principles. CRMA designation of project that violates core water protection norms demonstrates how strategic status undermines environmental law.	Mongabay (Nov 2025); ICWA (Dec 2025); Earthworks; Pulitzer Center
4	Førdefjord Rutile/Garnet Mine	Norway (EEA)	Mine	Rutile, Garnet	Nordic Mining ASA	NO — Not CRMA Strategic.	5	Fjord ecosystem destruction; 170M tonnes mining waste; Salmon habitat loss	STRONGEST LEGAL PRECEDENT: Court ruling + EFTA advisory opinion affirm strict WFD interpretation. Sets precedent for 160,000+ water bodies across EU/EFTA. WFD revision would directly undermine this ruling.	Fjordsøksmålet; Seas at Risk; FoE Europe
5	Talvivaara / Terrafame Nickel-Cobalt Mine	Finland	Mine	Nickel, Cobalt, Copper, Zin...	Terrafame Oy (state-owned)	LINKED — Not directly listed but supplies CRM b...	5	Catastrophic leaks; Groundwater contamination; Lake ecosystem destruction; Uranium contamination	CRITICAL: Bioheap leaching of low-grade ore = model for future EU mining. If WFD weakened, more Talvivaara-scale disasters become inevitable. Demonstrates catastrophic failure of mine water management.	Nature Scientific Reports (2017); WISE Uranium; Nuclear Heritage; EJAtlas

ID	Project Name	Country	Type	Mineral(s)	Company	CRMA Status	Score	Primary Water Risk	WFD Relevance	Sources
6	Valdeflores / San José Lithium Mine (Cáceres)	Spain	Mine	Lithium	Infinity Lithium (75%) / Valoriza Min...	NO — Applied but NOT selected as CRMA Strategic...	4	Aquifer contamination; Drinking water supply threat; Acid mine drainage	RELEVANT: Drought-prone region makes WFD drinking water protections (Art. 7) essential. If WFD weakened, aquifer protection for city of 95,000 people at risk. Extremadura lithium decree shows state enabling extractivism.	Earth Island Journal; The Ecologist; BHRC; European Water Movement; Climate Home
7	Las Navas Lithium Mine (Cañaverál)	Spain	Mine	Lithium	Lithium Iberia	YES — CRMA Strategic Project (EU list, Mar 2025...	4	River basin contamination; Natura 2000 proximity; Dehesa ecosystem destruction	RELEVANT: CRMA Strategic Project threatening Tagus river basin — one of Iberian Peninsula's most important. Demonstrates CRMA fast-tracking in ecologically sensitive, water-stressed region. WFD revision would lower bar for permitting in Natura 2000 buffer zones.	Climate Home News; Earth Island Journal; Lithium Iberia; AID/WATCH; Iberian Mining Observatory
8	Sierra de Gata Lithium-Tungsten Exploration	Spain	Mine	Lithium, Tungsten, Tantalum	Various (exploration permits)	NO — Not CRMA Strategic. Exploration-stage perm...	3	Groundwater contamination; Acid mine drainage; River pollution; Water scarcity	RELEVANT: Demonstrates extractivist pressure on pristine water systems. Sierra de Gata communities depend directly on groundwater — WFD drinking water protection essential. If WFD weakened, exploration could proceed to exploitation with lower bar.	El Salto Extremadura; The Geopolitics; Climate Home News
9	LKAB Per Geijer REE Expansion (Kiruna)	Sweden	Mine	Rare Earth Elements, Iron	LKAB (state-owned)	YES — CRMA Strategic Project.	4	Groundwater depletion; Lake sediment contamination; Sámi water/land rights	DIRECTLY RELEVANT: LKAB participation in WFD roundtable reveals mining-industry capture of water policy revision process. State-owned company with documented water impacts shaping WFD reform.	Euronews; EEB press release; LKAB
10	Boliden Aitik Copper Mine	Sweden	Mine	Copper, Gold, Silver	Boliden AB	NO — Not CRMA Strategic. But Boliden invited to...	4	Tailings dam failure risk; 1 billion tonnes tailings; River contamination	RELEVANT: Boliden participation in WFD roundtable while operating Europe's largest tailings dam. Direct conflict of interest. Tailings dam failure history demonstrates catastrophic water risk from mining.	WISE Uranium; Boliden disclosure; EEB
11	Keivitsa Nickel-Copper Mine	Finland	Mine	Nickel, Copper, PGMs	Boliden AB	LINKED — Supplies CRM (nickel, PGMs). Boliden p...	3	Tailings dam risk; Arctic water ecosystem; Permafrost disruption	RELEVANT: Arctic mining with tailings management challenges. WFD protection important for pristine subarctic water systems.	Boliden sustainability reports
12	Gällöck (Kallak) Iron Ore Mine	Sweden	Mine	Iron Ore	Beowulf Mining plc	NO — Not CRMA.	3	River contamination; Sámi water rights; Reindeer herding water sources	RELEVANT: Indigenous water rights dimension of WFD protection. Demonstrates pattern of Swedish mining approvals overriding Sámi water needs.	EEB; Heinrich Böll Water Atlas
13	Nunasvaara South Graphite Mine (Vittangi)	Sweden	Mine	Graphite	Talga Group (Australia)	YES — CRMA Strategic Project + Net-Zero Industr...	3	River ecosystem disruption; Sámi water/land rights; Biodiversity (Natura 2000)	RELEVANT: Demonstrates how CRMA strategic status + fast-track 27-month permitting overrides environmental safeguards including FPIC. Natura 2000 permit granted despite opposition — model for how WFD revision could further weaken protections.	Mongabay (Dec 2025); BHRC; Mining.com; SSNC Norrbotten; Nunasvaara.se
14	Oviken Uranium/Alum Shale (Storsjöbygden)	Sweden	Mine	Uranium (alum shale)	TBD (Swedish govt reopened uranium mi...	NO — Not CRMA Strategic. Linked to Sweden reope...	4	Drinking water contamination; Lake ecosystem disruption; Alum shale AMD; Radioactive contamination	RELEVANT: Lake Storsjön as drinking water source makes WFD Art. 7 protection critical. Uranium mining reopening linked to strategic minerals push. WFD revision could lower permitting bar.	Berg municipality; Gruvprotest.info
15	Salsigne Gold/Arsenic Mine (legacy)	France	Mine	Gold, Arsenic (legacy)	Closed (2004) — state liability (BRGM...	NO — Legacy site; closed mine	5	Arsenic contamination; River/groundwater pollution; Drinking water; Soil contamination; Health cr...	CRITICAL: Century-long contamination legacy. "Privatisation of profits, socialisation of environmental debt." French mining code still not reformed. If WFD weakened, future mines create more Salsignes.	FNE; France 24; Multinationals Observatory; France 3; ScienceDirect
16	Limburg Coal Mines (rising mine water)	Netherlands	Mine	Coal (legacy)	Closed (1975) — state liability	NO — Legacy.	3	Rising polluted mine water; Groundwater contamination; Housing damage	CAUTIONARY: Legacy mining water management costs persist for decades. WFD long-term protection mandate essential.	NOS Nieuwsuur; BNN/VARA; SodM
17	Southern Harz Gypsum Karst Mining	Germany	Mine	Gypsum	Various (industry push)	NO — Not CRM. Source: N/A	3	Karst water system destruction; Underground waterway loss; Periodic lake destruction	RELEVANT: Karst systems critical for groundwater under WFD. Mining = direct pathway to aquifer contamination.	Karstwanderweg; VDHK
18	Nanclares Quarry / Badaia Karst Aquifer	Spain	Mine	Aggregates	Heidelberg Materials	NO — Not CRM. Source: N/A	4	Aquifer contamination; Karst conduit destruction; Drinking water threat	DIRECTLY RELEVANT: Threatens principal drinking water aquifer for regional capital. WFD Art. 7 (drinking water protection) directly applicable.	Cadena SER Vitoria; Academia.edu
19	Silvermines & Tynagh Mines (legacy)	Ireland	Mine	Lead, Zinc, Silver (legacy)	Closed — state liability	NO — Legacy. Source: N/A	4	Heavy metal contamination; Stream/river pollution; Soil contamination	CAUTIONARY: Legacy contamination persisting decades after closure. WFD "no deterioration" principle is only defence against creating future legacy sites.	Tipperary County Council; Queen's University Belfast
20	Turów Mine & Lusatian Neisse Basin	Poland / Germany / Czech ...	Mine	Lignite	PGE Group (Turów); LEAG/EPH (Jänschwa...	NO — Not CRM. Source: N/A	4	Transboundary groundwater depletion; River basin disruption; Acidification	CRITICAL: Transboundary water management is core WFD function. Open-pit mining fundamentally reshapes regional hydrology. If WFD weakened, transboundary protection further eroded.	WNP.pl; MKOO; MDPI Sustainability; Eko-Unia

ID	Project Name	Country	Type	Mineral(s)	Company	CRMA Status	Score	Primary Water Risk	WFD Relevance	Sources
21	Norra Kärr REE Mine (Lake Vättern)	Sweden	Mine	Heavy Rare Earth Elements, ..	Leading Edge Materials / Greena Mine...	NO — Not yet CRMA Strategic. But CEO explicitly...	5	Drinking water contamination; Lake ecosystem destruction; Radioactive waste (U/Th); Natura 2000 i...	CRITICAL: Textbook case of CRMA vs WFD. Company CEO explicitly states CRMA could provide "backdoor" to bypass environmental legislation that blocked the mine. Lake Vättern designated national interest for drinking water. If WFD weakened, 250,000+ people's drinking water at risk.	FPIF; EJAtlas; Ecohubmap; GlobeNewswire; Innovation News Network
22	Cobre Las Cruces Copper Mine (Gerena)	Spain	Mine	Copper	First Quantum Minerals (Canada)	NO — Not CRMA Strategic. Source: N/A	5	Strategic aquifer contamination; Arsenic pollution; Illegal water extraction; Landslide/subsidence...	CRITICAL: Mine operating beneath strategic drinking water aquifer for Seville (pop. 700,000+). Criminal conviction of executives for aquifer contamination. If WFD weakened, legal basis for protecting strategic aquifers from mining removed.	MINOB; Ecologistas en Acción; Mines & Communities
23	Mina de Touro Copper Mine (Galicia)	Spain	Mine	Copper	Cobre San Rafael / Atalaia Mining (UK)	NO — Not CRMA Strategic. Source: N/A	5	Acid mine drainage; River system destruction; Natura 2000 impact; Tailings dam risk	CRITICAL: Decades of unrestored acid mine drainage polluting River Ulla system — Natura 2000 downstream. Demonstrates failure of mine closure/restoration under existing law. If WFD weakened, even less accountability for future mine closures.	MINOB; Ecologistas en Acción; Cuarzo Verde; NOS Diario
24	Sakatti Copper-Nickel Mine	Finland	Mine	Copper, Nickel, Cobalt, PGMs	Anglo American	YES — EU CRMA Strategic (Extraction + Processin...	4	Groundwater depletion, mire drainage, AMD	CRITICAL — Natura 2000 (Viiankiapa mire); mining below protected wetland; groundwater level risks drying mire, WFD 'no deterioration' principle directly at stake	Source: Anglo American press releases; Fern.org (Dec 2025); Barents Observer (Jun 2025); Journal of Political Ecology (2025)
25	KELIBER Lithium Project	Finland	Mine	Lithium (battery grade)	Sibanye-Stillwater / Finnish Minerals...	YES — EU CRMA Strategic (Extraction + Processin...	3	Groundwater, process water, wetland proximity	RELEVANT — Kalavesi lakes region; Vissavesi Lake water intake; wetland biodiversity concerns; groundwater monitoring required	Source: Sibanye-Stillwater Q1 2025 report; Keliber press releases; NordiskPost (Feb 2026); Mining Technology
26	Cinovec Lithium Project	Czechia	Mine	Lithium (battery grade), Tin	European Metals Holdings / ■EZ Group	YES — EU CRMA Strategic (Extraction + Processin...	3	Groundwater depletion, AMD, dust, historic contamination	RELEVANT — Elbe River basin; groundwater concerns; historic mining contamination; local water supply at stake; bogs already suffering water stress	Source: EC CRMA list; European Metals releases; Green European Journal (Jan 2025); Business & Human Rights Resource Centre
27	EMILI Lithium Project (Beauvoir)	France	Mine	Lithium (battery grade)	Imerys	YES — EU CRMA Strategic (Extraction + Processin...	4	Groundwater circulation, water consumption, chemical discharge	CRITICAL — Sioule River water abstraction; groundwater circulation disruption; 600,000 m³/year water demand; Allier region drought stress	Source: Préfecture de l'Allier (Dec 2025); EIB project sheet; IGEDD Ae opinion; Euronews (Oct 2024); Politis (Mar 2024)
28	Rovina Valley Copper-Gold Project	Romania	Mine	Copper, Gold	Euro Sun Mining (Canada)	YES — EU CRMA Strategic (Extraction). Source: E...	3	AMD, tailings, groundwater, forest clearance	RELEVANT — Apuseni Mountains karst; Baroc valley drainage; groundwater protection; near Vulcan Mountain nature reserve	Source: Euro Sun releases (May 2025, Dec 2025); Energy Industry Review (Nov 2021); MINEX Europe (Jun 2025); S&P; Global; FoE Eur...
29	Zero Carbon Lithium (Vulcan)	Germany	Mine	Lithium (battery grade)	Vulcan Energy Resources	YES — EU CRMA Strategic (Extraction). Source: E...	2	Brine reinjection, geothermal aquifer management	CAUTIONARY — Closed-loop geothermal system; brine reinjection; minimal surface water impact; regulatory screening ongoing for some wells	Source: EIB press release; Vulcan Energy releases; Electrive (Nov 2025); Mining Technology
30	Chvaletice Manganese Project	Czechia	Mine	Manganese (battery grade)	Euro Manganese Inc	YES — EU CRMA Strategic (Extraction + Processin...	3	Historic tailings reprocessing, AMD, Elbe basin	RELEVANT — Elbe River basin; historic contamination site; tailings reprocessing water management	Source: EC CRMA list; IEA Strategic Projects database
31	Aguablanca Copper-Nickel Project	Spain	Mine	Cobalt, PGMs, Copper, Nickel	Río Narcea Recursos S.A.	YES — EU CRMA Strategic (Extraction). Source: E...	3	AMD, process water, Natura 2000 proximity	RELEVANT — Extremadura; Hornachuelos Natural Park adjacent; regional water stress	Source: EC CRMA list; Río Narcea documentation
32	MINA DOADE Lithium Project	Spain	Mine	Lithium (battery grade)	Recursos Minerales de Galicia	YES — EU CRMA Strategic (Extraction). Source: E...	3	Groundwater, AMD, Galician water systems	RELEVANT — Galician river systems; regional groundwater; cumulative mining pressure	Source: EC CRMA list
33	Mining Project El Moto (Tungsten)	Spain	Mine	Tungsten	Abenojar Tungsten S.L.	YES — EU CRMA Strategic (Extraction). Source: E...	3	AMD, heavy metals, process water	RELEVANT — Regional water system; AMD potential; heavy metals	Source: EC CRMA list
34	P6 Metals Tungsten Project	Spain	Mine	Tungsten	Iberian Resources Spain	YES — EU CRMA Strategic (Extraction + Processin...	3	AMD, heavy metals, process water	RELEVANT — Regional water protection; AMD management required	Source: EC CRMA list
35	Talga Natural Graphite ONE	Sweden	Mine	Graphite (battery grade)	Talga AB	YES — EU CRMA Strategic (Extraction). Source: E...	3	AMD, dust, Sámi reindeer herding, water table	RELEVANT — Northern Sweden water systems; Sámi herding lands; regional groundwater	Source: EC CRMA list; Talga AB releases
36	ReeMAP Project (LKAB Per Geijer/Malmberget)	Sweden	Mine	Rare Earth Elements (magnets)	LKAB (state-owned)	YES — EU CRMA Strategic (Extraction + Processin...	3	Process water, tailings, urban impacts	RELEVANT — Major industrial water user; tailings management; WFD compliance history; invited to WFD reform consultations	Source: EC CRMA list; LKAB announcements; EEB WFD roundtable press release (Mar 2026)
37	Romano Mine Lithium Project	Portugal	Mine	Lithium (battery grade)	Lusorecursos Portugal Lithium	YES — EU CRMA Strategic (Extraction). Source: E...	3	Groundwater, AMD, regional cumulative impacts	RELEVANT — Northern Portugal watersheds; cumulative lithium mining pressure; agricultural water use	Source: EC CRMA list

ID	Project Name	Country	Type	Mineral(s)	Company	CRMA Status	Score	Primary Water Risk	WFD Relevance	Sources
38	Lombador/Semblana Copper Project	Portugal	Mine	Copper	SOMINCOR (Lundin Mining)	YES — EU CRMA Strategic (Extraction + Processin...	3	AMD, tailings, process water	RELEVANT — Existing operation expansion; tailings management; process water systems	Source: EC CRMA list; SOMINCOR/Lundin Mining
39	SALROM Baia de Fier Graphite	Romania	Mine	Graphite (battery grade)	Societatea Națională a Sării S.A.	YES — EU CRMA Strategic (Extraction). Source: E...	3	Groundwater, karst, regional water systems	RELEVANT — Romanian karst hydrology; groundwater protection	Source: EC CRMA list
40	Verde Magnesium Project	Romania	Mine	Magnesium	Verde Magnesium SRL	YES — EU CRMA Strategic (Extraction). Source: E...	3	Process water, AMD, regional impacts	RELEVANT — Regional water systems; industrial process water needs	Source: EC CRMA list
41	Los Frailes / Aznalcóllar Mine (Doñana disaster)	Spain	Extraction	Zinc, Lead, Copper, Silver	Boliden (historical) / Grupo México (...)	NO - Legacy	5	Heavy metal contamination; Stream/river pollution; Soil contamination	CRITICAL - catastrophic legacy contamination - 1998 tailings dam failure released 5-7 million m³ toxic sludge into Guadimar River, threatening Doñana National Park (UNESCO World Heritage).	Source: WISE; MINOB; Ecologistas en Accion; GRID-ARENAL
42	GePETO Germanium Processing	Belgium	Processing	Germanium	Umicore	YES — EU CRMA Strategic (Processing). Source: E...	2	Industrial wastewater, semiconductor processing	CAUTIONARY — Industrial facility; established environmental management	Source: EC CRMA list; Umicore
43	GALLICAM Multi-metal Processing	France	Processing	Nickel, Cobalt, Lithium, Gr...	Sibanye-Stillwater Sandouville	YES — EU CRMA Strategic (Processing). Source: E...	2	Industrial wastewater, multiple metals processing	CAUTIONARY — Industrial processing expansion; integrated wastewater treatment	Source: EC CRMA list; Sibanye-Stillwater
44	Viridian Lithium Processing	France	Processing	Lithium (battery grade)	Viridian Lithium	YES — EU CRMA Strategic (Processing). Source: E...	2	Industrial wastewater, lithium hydroxide production	CAUTIONARY — Industrial processing facility	Source: EC CRMA list
45	Lithium Hydroxide Converter Guben	Germany	Processing	Lithium (battery grade)	Rock Tech Guben GmbH	YES — EU CRMA Strategic (Processing). Source: E...	2	Industrial wastewater, chemical conversion	CAUTIONARY — Industrial facility; Lusatian region; former coal area transition	Source: EC CRMA list; Rock Tech
46	Jervois Finland Cobalt Refinery	Finland	Processing	Cobalt	Jervois Finland Oy	YES — EU CRMA Strategic (Processing). Source: E...	2	Industrial wastewater, cobalt refining	CAUTIONARY — Existing industrial facility; established operations	Source: EC CRMA list
47	Hycamite Graphite Processing	Finland	Processing	Graphite (battery grade)	Hycamite TCD Technologies	YES — EU CRMA Strategic (Processing). Source: E...	2	Industrial wastewater, graphite processing	CAUTIONARY — Industrial processing; emerging technology	Source: EC CRMA list
48	Pulawy REE Separation Plant	Poland	Processing	Rare Earth Elements (magnets)	Mkango Resources Ltd	YES — EU CRMA Strategic (Processing). Source: E...	2	Industrial wastewater, REE separation	CAUTIONARY — Industrial processing; chemical separation	Source: EC CRMA list; Mkango Resources
49	Balakhivka Graphite Deposit	Ukraine	Extraction	Graphite (battery grade)	Pobuzhzhya's Development LLC	YES — Non-EU CRMA Strategic (Jun 2025)	3	Groundwater contamination; Conflict zone impacts	RELEVANT: WFD principles apply through EU-Ukraine Association Agreement environmental chapters. Ukraine committed to approximating EU water quality standards. Conflict makes monitoring/enforcement impossible. Post-war reconstruction will require WFD-aligned water governance.	See Sources sheet
50	Norgraph Graphite Project	Norway (EEA)	Extraction & Pr...	Graphite (battery grade)	GreenRoc Strategic Materials / Norgra...	YES — Non-EU CRMA Strategic (Jun 2025)	2	Arctic fjord discharge; Permafrost disruption	CAUTIONARY: Norway as EEA member applies WFD through EEA Agreement. Arctic fjord ecosystems sensitive to industrial discharge. Permafrost thaw risks groundwater contamination. Norway has strong implementation record but Arctic conditions pose unique challenges.	See Sources sheet
51	Greenland Graphite Project	Greenland (Danish OCT)	Extraction	Graphite (battery grade)	GreenRoc Strategic Materials / Green...	YES — Non-EU CRMA Strategic (Jun 2025)	3	Arctic ecosystem; Indigenous rights; Ice sheet drainage	RELEVANT: As Danish OCT, Greenland has separate environmental framework but EU principles apply. Ice sheet meltwater systems highly sensitive. Indigenous Inuit water rights and traditional use. Arctic Council frameworks also relevant. US strategic interest complicates governance.	See Sources sheet
52	BAUX-EU/GALLANT/LEADER Project	Greece	Extraction & Pr...	Bauxite, Alumina, Gallium	Metlen Energy & Metals / European Bau...	YES — Strategic (Mar 2025)	3	Red mud disposal; Groundwater; Karst aquifer; Industrial wastewater	RELEVANT: Existing operations with WFD compliance history. Red mud disposal creates caustic waste management challenge. Karst bauxite in protected mountain area. Art. 11 basic measures apply. Greece implements WFD but enforcement variable.	See Sources sheet ID 52
53	CO2Graphite Project	Estonia	Processing	Graphite (battery grade)	UP Catalyst OU	YES — Strategic (Mar 2025)	2	Industrial wastewater; Chemical processing; Molten salt electrolysis	CAUTIONARY: Processing operation with industrial wastewater. Lower direct extraction impact than mining. Estonia implements WFD. Novel technology — monitoring warranted for chemical discharge. Art. 10 combined approach applies.	See Sources sheet ID 53

ID	Project Name	Country	Type	Mineral(s)	Company	CRMA Status	Score	Primary Water Risk	WFD Relevance	Sources
54	Kolmisoppi Nickel-Cobalt Deposit	Finland	Extraction	Nickel (battery grade), Cob...	Terrafame Ltd (state-owned)	YES — Strategic (Mar 2025)	5	Lake contamination; AMD; Bioheap leaching; Catastrophic leak history; Uranium extraction	CRITICAL: Direct operational link to Talvivaara catastrophe — same company, same site, same technology. Permit rejected Dec 2025 shows ongoing regulatory concerns. Art. 4.7 derogation would require demonstrating 'all practicable steps' against background of documented catastrophic failure. WFD Article 11 remediation ongoing at adjacent operations.	See Sources sheet ID 54
55	Ageli Lithium Project	France	Extraction & Pr...	Lithium (battery grade)	Eramet	YES — Strategic (Mar 2025)	3	Groundwater; Process water; Chemical discharge	RELEVANT: France implements WFD rigorously. Large-scale lithium extraction has groundwater implications. Art. 4.7 may apply. Cumulative impact with other French lithium projects (EMILI, Viridian).	See Sources sheet ID 55
56	Lift One Lithium Processing	Portugal	Processing	Lithium (battery grade)	Lifthium Energy S.A.	YES — Strategic (Mar 2025)	2	Industrial wastewater; Chemical processing	CAUTIONARY: Processing operation — lower direct water impact than extraction. Portugal WFD implementation. Industrial wastewater management. Cumulative impact with Portuguese extraction projects. Art. 10 combined approach.	See Sources sheet ID 56
57	BAM4EVER Graphite Processing	France	Processing	Graphite (battery grade)	Tokai COBEX Savoie	YES — Strategic (Mar 2025)	2	Industrial wastewater; Graphite processing	CAUTIONARY: Processing operation. France WFD implementation. Industrial wastewater. Art. 10 combined approach. MIN BREF applies.	See Sources sheet ID 57
58	CAREMAG REE Processing	France	Processing	Rare Earth Elements, Boron	Caremag SAS	YES — Strategic (Mar 2025)	2	Industrial wastewater; REE separation; Chemical processing	CAUTIONARY: Processing operation. France WFD implementation. REE separation involves chemical processing. Art. 10 combined approach. MIN BREF applies.	See Sources sheet ID 58
59	European Strategic Graphite Initiative	France / Germany / Namibia	Processing	Graphite (battery grade)	NGC Battery Materials GmbH	YES — Strategic (Mar 2025)	2	Industrial wastewater; Cross-border processing	CAUTIONARY: Processing operation in multiple jurisdictions. WFD applies to France/Germany components. Art. 10 combined approach. Cross-border coordination relevant.	See Sources sheet ID 59

## Section 2: Detailed Water Impact Information

ID	Project Name	Key Water Impact Details	Affected Water Bodies	Legal/Regulatory Status
1	Jadar Lithium-Borates Project	Exploratory drilling already caused elevated arsenic, boron, lithium in downstream rivers (Nature Scientific Reports, 2024 — retracted under company pressure). Processing uses concentrated sulphuric acid 20km from Drina River. 300m³ water/hour consumption. Boron leaks from wells caused crop failure. Transboundary risk: Jadar→Drina→Sava→Danube. 292,000+ petition signatures; mass protests.	Jadar River; Drina River; Sava River; Danube (transboundary); Local groundwater/wells	Constitutional Court overturned revocation (2024); Rio Tinto mothballed project (Nov 2025); EIA process stalled; mass protests continue
2	Mina do Barroso Lithium Mine	Communities rely on springs and rivers for drinking water, farming and livestock. Dr. Emerman scientific analysis recommends project withdrawal on safety/environmental grounds. Barroso agricultural heritage landscape at risk. Commission retained strategic status Dec 2025 despite scientific opposition.	Local springs (drinking water); Rivers used for agriculture; Barroso watershed	Conditional EIA approval (May 2023); CRMA strategic status retained (Dec 2025); ClientEarth lawsuit at CJEU (Feb 2026); drilling resumed (Feb 2025)
3	Nussir Copper Mine / Repparfjord	Plans to dump 1-2 million tonnes tailings annually into Repparfjord (national salmon fjord). Previous 1970s dumping nearly wiped out fishing; new project 20x more waste. Norway one of only 2 countries globally (with Papua New Guinea) permitting new marine tailings disposal. Aurubis cancelled offtake agreement.	Repparfjord (national salmon fjord); Barents Sea; Salmon rivers	Permits granted (2019); Blue Moon 100% acquisition (Feb 2025); 800m tunnel completed (Jan 2026); Sámi Parliament opposed; FPIC not granted
4	Førdefjord Rutile/Garnet Mine	LANDMARK LEGAL PRECEDENT: Court of Appeal ruled permit invalid under WFD. EFTA Court: economic considerations alone insufficient for WFD derogation. Permit to dump 170 million tonnes mining waste into Førdefjord (national salmon fjord, 4 salmon rivers). State marine experts warned of serious negative consequences.	Førdefjord; 4 salmon rivers; Marine ecosystem	PERMIT INVALIDATED by Court of Appeal (Aug 2025); EFTA advisory opinion (Mar 2025); the ruling is under appeal to the Supreme Court — final legal status is pending; Nordic Mining still operating;
5	Talvivaara / Terrafame Nickel-Cobalt Mine	Multiple catastrophic leaks: 1 million m³ acidic metal-contaminated water escaped (Nov 2012). Heavy metals (Ni, U, Co, Cd, Cr, Cu, Al) in groundwater. 100+ hectares marshland/lakes polluted. Turned Lake Kivijärvi permanently stratified (meromictic). Former CEO convicted aggravated environmental degradation (Supreme Court upheld 2019).	Lake Kivijärvi (destroyed); Lake Kolmisoppi; 100+ ha marshland; Regional groundwater	CEO convicted (Supreme Court 2019); state bailout 2015; Kolmisoppi CRMA strategic (Mar 2025); uranium recovery (Jun 2024); new permit application Apr 2026
6	Valdeflores / San José Lithium Mine (Cáceres)	Open-pit mine proposed <2km from UNESCO World Heritage city Cáceres. Threatens underground aquifer serving city water supply in drought-prone Extremadura. 134 CSOs signed opposition letter. Europe's second-largest hardrock lithium deposit. Company claims only treated wastewater used but independent analysis disputes this.	Cáceres underground aquifer; Local river systems; Valdeflores watershed	TSJEx denied open-pit permit (protected soil); underground design submitted; PREMA designation contested; City Council opposition; NOT EU CRMA strategic
7	Las Navas Lithium Mine (Cañaverl)	Located in dehesa boyal of Cañaverl — traditional common pastures. Adjacent to ancient oak forest and Monfragüe Biosphere Reserve (<3km). Project would contaminate Alagón and Tagus river basins with toxic mine waste. 30-year mine (open-pit then underground). Affects protected bird migration routes. On burned public woodland (Forestry Law prohibits land use change within 30 years of fire).	Alagón River; Tagus River basin; Local groundwater; Monfragüe watershed	CRMA strategic (Mar 2025); EIA under review; Forestry Law conflict (burned woodland); public consultation Jan 2025; "No A La Mina" opposition
8	Sierra de Gata Lithium-Tungst en Exploration	Exploration permits across well-conserved Sierra de Gata mountains covering municipalities of Acebo, Hoyos, Perales del Puerto, Villasbuernas de Gata, Valverde del Fresno, Eljas, San Martín de Trevejo and Villamiel. Region declared Parque Cultural. Residents depend on groundwater for daily consumption. Precedent of La Parrilla mine shows acid mine drainage contaminating streams. One of Spain's b...	Sierra de Gata groundwater; Local springs (drinking water); River systems	Research permits granted (2024); Acebo municipality opposed (Mar 2024); No EIA submitted; local tourism/agriculture concerns
9	LKAB Per Geijer REE Expansion (Kiruna)	Europe's largest underground mine expansion. Operations require continuous pumping below groundwater level. Mercury and nutrients in nearby lake sediment (among Sweden's most polluted water bodies). Expansion cuts Sámi migration routes and water access. LKAB invited to Stockholm WFD roundtable — at heart of Commission's WFD revision push.	Local lakes (mercury contamination); Groundwater systems; Sámi water access points	Permitted and operational; expansion progressing; state-owned; invited to WFD roundtable (Mar 2026)
10	Boliden Aitik Copper Mine	Europe's largest open-pit copper mine. 16km² tailings facility holding ~1 billion tonnes. Tailings dam failure 2000 released 2.5M m³; company prosecuted. \$530M+ dam remediation investment. Boliden invited to Stockholm WFD roundtable alongside LKAB.	Local river system; 16km² tailings impoundment; Regional groundwater	Operational; dam failure prosecution (2000); €530M remediation completed; ongoing monitoring
11	Kevitsa Nickel-Copper Mine	Large nickel-copper mine in Finnish Lapland. Tailings management in Arctic conditions. Environmental monitoring shows elevated metals in downstream waters.	Local Arctic waterways; Tailings impoundment; Subarctic groundwater	Operational; €1B Stage 5 expansion halted (Mar 2026) due to mining tax hike; 285 employees affected; 10-year mine life secured
12	Gállok (Kallak) Iron Ore Mine	Proposed iron ore mine in Sámi territory. Threatens Lule River system. Sámi reindeer herding dependent on clean water sources in area. Swedish government granted concession despite Sámi Parliament objection.	Lule River system; Sámi water sources; Local streams	Exploitation concession upheld (Jun 2024); environmental permit pending (target mid-2025); UNESCO WHIA for Lapponia WHS required; Sámi opposition
13	Nunasvaara South Graphite Mine (Vittangi)	Mine threatens Torne River system. Sámi reindeer herders say mine will destroy winter grazing grounds and disturb habitats and rivers. Saami Council says CRMA fast-tracking bypasses essential environmental safeguards and violates FPIC. 149 ha, 120,000 tonnes graphite ore/year. Natura 2000 permit granted despite opposition.	Torne River system; Local streams; Natura 2000 habitats	All permits granted (2023-2025); Supreme Court dismissed appeals; exploitation concession (Oct 2024); Minister support (Aug 2025)
14	Oviken Uranium/Alum Shale (Storsjöbygden)	Proposed extraction from alum shale near Lake Storsjön — important drinking water source for Jämtland region. Alum shale carries extreme acid mine drainage risk (high sulphide content). Uranium extraction adds radioactive contamination risk.	Lake Storsjön (drinking water); Regional groundwater; Downstream river systems	Research permit revoked (2018); company appealing; uranium mining politically sensitive in Sweden
15	Salsigne Gold/Arsenic Mine (legacy)	Europe's largest gold mine, world's largest arsenic mine. 12 million tonnes arsenic buried. 7 tonnes arsenic/year into Orbiel River. Arsenic enrichment 1,000x in sediments. Elevated arsenic in children's urine. 2018 flood killed 15 and remobilised contamination. Water/vegetable use banned since 1997. €20-30M+ spent, membrane leaking.	Orbiel River; Grésillou River; Russec River; Aude River; Mediterranean (downstream); Alluvial aquifer	STATE CONDEMNED (Jul 2025) for ecological damage; 1-year remediation deadline; €30M+ spent; arsenic pollution persists; 12M tonnes buried

ID	Project Name	Key Water Impact Details	Affected Water Bodies	Legal/Regulatory Status
16	Limburg Coal Mines (rising mine water)	Last coal mine closed 1975. Polluted mine water no longer pumped, rising slowly. Groundwater at risk from heavy metals and mine chemicals. Houses receiving structural damage.	Limburg groundwater; Regional aquifers	Closed (1974); ongoing subsidence issues; groundwater contamination; government remediation
17	Southern Harz Gypsum Karst Mining	Mining in internationally important gypsum karst (worthy of World Heritage status) destroys periodic lakes, caves and underground waterways. Karst mining always affects water resources. Sufficient alternatives exist.	Underground karst waterways; Periodic lakes; Cave systems; Regional groundwater	Operational; environmental permits in place; Natura 2000 concerns
18	Nanclares Quarry / Badaia Karst Aquifer	Quarry intersected epiphreatic karst system in 2011, destroying 65m of cave passages. During heavy rain, pressurised water rises into quarry. When water table restores, water drains back transporting mine materials directly into aquifer — most important for Basque capital Vitoria-Gasteiz. Repeated flooding (2024).	Subijana/Badaia aquifer (Vitoria-Gasteiz drinking water); Karst conduit system	Operational; local extraction; regional permits
19	Silvermines & Tynagh Mines (legacy)	Silvermines: very high lead and metals in soils, sediments and streams (Yellow River, Kilmastulla). Tynagh: zinc, arsenic, lead, manganese, nickel, copper and cadmium in surface waters and sediments far exceeding guideline values. Described as one of Europe's most contaminated mine sites.	Yellow River; Kilmastulla catchment; Tynagh surface waters	Closed (1993); €11M+ state remediation; cattle deaths (1999); WFD "At Risk" status; Tynagh among most contaminated in Europe
20	Turów Mine & Lusatian Neisse Basin	Turów: open-pit lignite mine on Czech-Polish border causing groundwater impacts. Czech govt filed CJEU complaint (withdrawn after 2022 agreement); still demanding further measures (Dec 2025). Jämschwalde: lowering groundwater on Polish side, forcing higher water treatment costs for municipalities. Lusatian Neisse basin: numerous opencast mines reshape regional hydrology.	Lusatian Neisse River; Transboundary groundwater; Czech-Polish aquifers; Gubin/Brody water supply	CJEU complaint withdrawn (Feb 2022 settlement); licence to 2026; final phase decommissioning (Jan 2025); Czech monitoring ongoing
21	Norra Kärr REE Mine (Lake Vättern)	Deposit is 1.5km from Lake Vättern — Sweden's 2nd largest lake, 5th largest freshwater source in Europe, providing drinking water to 250,000-500,000 people. Rare earth mining generates toxic and radioactive waste (uranium, thorium). Contains 80+ minerals including carcinogenic substances. County Board rejected Natura 2000 permit. CEO explicitly blames environmental legislation for denial, cites...	Lake Vättern (drinking water for 250,000-500,000 people); Natura 2000 protected waters; Regional groundwater	Supreme Admin Court revoked concession (2016); redesigned application; CABs endorsed (Dec 2025); Mining Inspectorate recommends (Mar 2026); govt decision pending
22	Cobre Las Cruces Copper Mine (Gerena)	Mine authorised despite exploiting deposit BENEATH Gerena-Guillena aquifer — strategic emergency drinking water reserve for Seville. Repeatedly sanctioned for illegal water extraction. 3 former executives convicted (2016) for contaminating aquifer with arsenic and illegal water extraction. 4 landslides (2008-2019) caused by negligent groundwater management. Aquifer left completely unprotected a...	Gerena-Guillena-Posadas aquifer (Seville emergency reserve); Molino River; Garnacha River; Guadalquivir basin	3 executives convicted (2016); care & maintenance (Jul 2023); sold to RCF (Dec 2025) for \$190M; underground redevelopment planned
23	Mina de Touro Copper Mine (Galicia)	Open-pit copper mine (1974-1987, Rio Tinto) abandoned without restoration. Uncontrolled tailings on wetland created persistent acid mine drainage. Multiple tributaries of River Ulla (Portapego, Felisa, Burgo, Pucheiras) show high heavy metal pollution. Environmental Prosecutor brought court complaints (2020). 3 criminal proceedings open. Despite negative EIA, company resubmitted 2024 proposing ...	River Ulla system; Portapego, Felisa, Burgo, Pucheiras streams; Natura 2000 waters downstream	Negative EIA (2020) resubmitted; PIE strategic status (Jun 2024); 3 criminal proceedings; public consultation Jan 2025; water treatment operating
24	Sakatti Copper-Nickel Mine	Viankiaapa mire Natura 2000 site: double-protected (EU + national). Underground mine planned via 5km tunnel. Regional authorities found EIA 'could not rule out possible damage to groundwater' (2023). Reindeer herders report dust from nearby Kevitsa affecting grazing 15km away.	Viankiaapa mire (Natura 2000); Kitinen River system	EIA approved (2023); Natura assessment approved (Aug 2025); mining permit application submitted to Tukes; Natura derogation required from Finnish govt (expected autumn 2026); CRMA Strategic (Mar 2025); pre-feasibility study completion end-2026; production target early 2030s
25	KELIBER Lithium Project	Europe's first integrated lithium mine and refinery. Multiple open-pit and underground mines across Central Ostrobothnia (Syväjärvi, Rapasaari, Emmes, Outovesi, Länttä). Water intake from Vissavesi Lake. Local concerns about groundwater protection and biodiversity impact on nearby wetlands.	Vissavesi Lake; Central Ostrobothnia wetlands	Syväjärvi mining permit legally valid; Rapasaari-Päiväneva env permit valid (Apr 2024); Päiväneva concentrator permit expected Q2 2025; refinery hot commissioning H1 2026; CRMA Strategic (Mar 2025); 17% cost increase to €680M (Q1 2025)
26	Cinovec Lithium Project	Europe's largest hard rock lithium deposit and 4th largest globally. Historic mining region (Krušné Hory/Erzgebirge). Local concerns about water supply threat and air quality from ore transport. Site operated 1940s-1993. Mining start targeted 2027.	Elbe River headwaters; local groundwater aquifers	Strategic Deposit designation (Czech govt, Mar 2025); CRMA Strategic (Mar 2025); €36M EU Just Transition Fund grant (conditional on EIA); EIA submitted Dec 2025; EIA decision expected Jun 2026; mining permit 8 years (Apr 2020); DFS completion mid-2025
27	EMILI Lithium Project (Beauvoir)	France's first lithium mine. Extraction to 400m depth at existing kaolin site. Public debate revealed concerns over groundwater circulation in Échassières sector. Mine will pump ~600,000 m³/year from Sioule River (1 Olympic pool every 2 days) in drought-prone region. Zero liquid discharge target is 'industrial challenge'.	Sioule River; Échassières groundwater system	Pilot authorization granted (Sep 2025); 50-year mining concession application submitted Feb 2025; concession decision Apr 2027; public inquiry Feb-Mar 2025; FNE Allier formally opposed; EIB financing under appraisal; €1B total project cost
28	Rovina Valley Copper-Gold Project	Near Vulcan Mountain nature reserve. Original environmental permit issued July 2021 was permanently revoked by Cluj Court of Appeal (April 2024) due to EIA deficiencies: missing cross-border impact assessment, inadequate climate/water analysis, uncertified experts. Project re-entered permitting process; CRMA Strategic status granted March 2025 to accelerate re-approval. Final EIA resubmission e...	Baroc valley; local groundwater; Apuseni karst system	Strategic environmental assessment approved (May 2021); CRMA Strategic (Mar 2025); final EIA submission expected 2026; €200M Trafigura financing (Dec 2025); land acquisition ongoing; construction target 2027; first production 2029
29	Zero Carbon Lithium (Vulcan)	Geothermal brine extraction (not traditional mining). Closed-loop system: brine pumped from 2-5km depth, lithium extracted, brine reinjected. Minimal surface footprint. Lower water impact than conventional extraction. Heat provides district heating to Landau. Construction permit granted Nov 2025.	Upper Rhine Valley deep aquifer system (not surface waters)	Construction permit Landau (Nov 2025); €250M EIB financing; €104M German federal/state grant (Oct 2025); CRMA Strategic (Mar 2025); off-takes with VW, Stellantis, LG, Umicore, Glencore; 24,000 tpa LHM target; production for 500,000 EVs/year
30	Chvaltice Manganese Project	Reprocessing historic tailings from communist-era mining. Elbe River basin location. Less disruptive than new extraction but still requires water management. Targets high-purity electrolytic manganese for batteries.	Elbe River basin; historic tailings ponds	CRMA Strategic (Mar 2025); definitive feasibility study in progress; targeting battery supply chain integration

ID	Project Name	Key Water Impact Details	Affected Water Bodies	Legal/Regulatory Status
31	Aguablanca Copper-Nickel Project	Historic open-pit operation (2005-2015) with established environmental record. Underground restart requires dewatering. 2015 High Court ruling found company started without municipal permits in 2003. Criminal charges filed for environmental crimes. €6.6M ERDF funding received. Water Concession now granted for 20 years. Near Huelva Port for concentrate shipping to Boliden Finland.	Badajoz Province groundwater; Huelva Port shipping corridor; Guadalquivir basin (downstream)	FULLY PERMITTED — RESTART IMMINENT. EIS approved (2017, still valid); Unified Environmental Authorization (2013); 20-year Water Concession granted (May 2025); underground mining plan approved; CRMA Strategic (Mar 2025); all permits in place; dewatering 6-9 months; €20M financing (Jan 2026); produ...
32	MINA DOADE Lithium Project	Rejected in 2020 by Miño-Sil Water Authority for water impacts. <1km from Natura 2000 land. Company split project into 6 adjacent mines to avoid full EIA. Atlantic wet heathlands and forest ecosystem. Galician anti-mining movement (Cinvald-style). Climate Home News investigation found 11 EU strategic projects overlap Natura 2000 buffers. Underground + open-pit planned for 42 years.	Miño-Sil River basin (Confederación Hidrográfica rejected 2020); Río Deza headwaters; Atlantic wet heathlands groundwater; <1km from Natura 2000 protected land	EU STRATEGIC — EIA PUBLIC HEARING. Original 'Alberta I' project rejected (2020) by Miño-Sil Water Authority; resubmitted as 'Mina Doade' (Dec 2024); EIA submitted (Jan 2025); public hearing opened (Jul 2025); 18-month decision period; CRMA Strategic (Mar 2025); contested by local associations and...
33	Mining Project El Moto (Tungsten)	Tungsten extraction (defence-critical). AMD and heavy metal contamination risks typical of tungsten mining. Spain has historic tungsten mining regions. Detailed water impact assessment not yet public.	Regional Castilla-La Mancha groundwater; assessment of specific catchments required	EU STRATEGIC — EARLY STAGE. CRMA Strategic (Mar 2025); targeting EU defence supply chain; tungsten processing for military applications; limited public documentation on permitting status
34	P6 Metals Tungsten Project	Integrated tungsten project. Processing on-site reduces transport but increases local water demands. AMD potential from sulphide ores.	Regional groundwater; assessment required	EU STRATEGIC — EARLY STAGE. CRMA Strategic (Mar 2025); integrated extraction and processing; targeting defence supply chain
35	Talga Natural Graphite ONE	Highest-grade graphite deposit globally (25.5% grade). 149 ha footprint on 89,200 ha Sámi winter grazing lands. Sámi communities protest despite company claims of co-existence. Six-month seasonal shutdown for reindeer herding. Mongabay investigation Dec 2025 documents Sámi objections to consultation process. Graphite dust affects lichen grazing.	Vittangi regional streams; Torne River catchment; Sámi reindeer herding winter grazing lands (89,200 ha); groundwater affected by 149 ha surface footprint	FULLY PERMITTED — ALL APPEALS DISMISSED. Environmental + Natura 2000 permits (Apr 2023); exploitation concession 25 years (Oct 2024); Supreme Court dismissed appeals (Oct 2024); Ministry appeal dismissed (Aug 2025); zoning plan approved (Jan 2026); €70M EU Innovation Fund grant; CRMA + Net-Zero I...
36	ReeMAP Project (LKAB Per Geijer/Malmberget)	Europe's largest REE deposit (1.7M tonnes REO). State-owned LKAB. IVL monitoring shows multiple rivers affected by existing operations. New Per Geijer deposit intersects Gábna Sámi reindeer corridor. Kiruna Church moved Aug 2025 due to mining subsidence. 'Green Deal paradox' — EU funding conflicts with environmental/Indigenous protections. Invited to Swedish WFD roundtable (Mar 2026) — direct i...	Luossajoki River; Liukattijoki River; Mertaseno River; Rakkurijoki River; Kiruna municipal water systems; Per Geijer exploration area streams; Luleå industrial park discharge	EU STRATEGIC — EXPLORATION PHASE. Processing concession application submitted (Feb 2024); demonstration plant €600M investment (Oct 2024) operational 2026; CRMA Strategic (Mar 2025); exploration drift 8km underway; production realistically 2030s; Gábna Sámi reindeer migration corridor directly al...
37	Romano Mine Lithium Project	Will use 10,000 m³/day (more than municipality uses in a month). Alto Rabagão dam at historic lows. Underground + open-pit extraction over 13+ years. First lithium refinery in Portugal. 440-511 public submissions against project. Montalegre Com Vida protests ongoing. Barroso World Agricultural Heritage site nearby. Shareholder fraud history per Sexta às 9 investigation.	Alto Rabagão dam (Pisões) — dropped to historic lows during 2022 drought; Tâmega River headwaters; Alto Barroso highland groundwater; Couto do Beça historic mining area	EIA APPROVED — CONSTRUCTION DELAYED. Favourable EIA (Sep 2023) with conditions; refinery location rejected (incompatible with PDM); separate refinery EIA required; 50-year concession pending; CRMA Strategic (Mar 2025); construction start 2025; production target late 2027; Montalegre Com Vida asso...
38	Lombador/Semblana Copper Project	RELEVANT — Expansion of proven Neves-Corvo copper operation (Portugal's largest mine). Established infrastructure and community relations. Southern Portugal water stress increasing with climate change. Tailings management systems in place but expansion intensifies requirements.	Oeiras River; Mira River (downstream); Sado estuary (concentrate transport); Southern Portugal groundwater; existing Neves-Corvo tailings and AMD management	OPERATIONAL — EXPANSION. Existing Neves-Corvo operation (Lundin Mining); CRMA Strategic (Mar 2025); 3rd SILO processing expansion; established environmental management systems; tailings storage ongoing
39	SALROM Baia de Fier Graphite	Romanian state enterprise. Karst geology creates complex hydrogeological conditions. Baia de Fier is cave tourism area. Groundwater protection critical in karst systems. Graphite mining typically lower water impact than metallic ores.	Olteș River karst system; Baia de Fier cave region groundwater; Gorj County karst aquifers	EU STRATEGIC — EARLY STAGE. CRMA Strategic (Mar 2025); Romanian state-owned company (SALROM); graphite extraction in karst region; environmental assessment required; limited public documentation
40	Verde Magnesium Project	Defence-critical material (magnesium alloys). Lower profile project with limited public environmental documentation. Regional water assessment needed.	Regional Carpathian groundwater; assessment of specific water bodies required	EU STRATEGIC — EARLY STAGE. CRMA Strategic (Mar 2025); magnesium extraction for automotive/aerospace/defence; limited public documentation on water impacts
41	Los Frailes / Aznalcóllar Mine (Doñana disaster)	Legacy contamination / AMD / Tailings disaster. 40km river contaminated. €275M+ cleanup costs. Boliden trial Mar-Jul 2025 (16 defendants). The mine has two non-operational open-cast mining pits: the Aznalcóllar pit, which is saturated with mining sludge, and the Los Frailes pit, flooded with acid mine drainage. Grupo México tender 2015 for reopening opposed by 5 NGOs (Apr 2025). Ongoing AMD f...	Guadamar River; Doñana National Park wetlands (UNESCO); Guadalquivir estuary; regional aquifers	CONTESTED — TRIAL ONGOING. 1998 disaster. Boliden criminal trial Mar-Jul 2025 (16 defendants). Grupo México tender 2015. 5 NGOs formally oppose reopening (Apr 2025). State remediation ongoing. Legacy AMD. A Unified Environmental Authorisation (AAU) is currently being processed for reopening the m...
42	GePETO Germanium Processing	Germanium processing for semiconductors/fibre optics. Umicore established processor. Industrial wastewater management.	N/A — industrial facility	CRMA Strategic (Mar 2025); semiconductor supply chain
43	GALLICAM Multi-metal Processing	Multi-metal battery materials processing at Sandouville refinery. Expansion of existing facility. Industrial wastewater from multiple processes.	N/A — industrial facility (Seine estuary region)	CRMA Strategic (Mar 2025); battery materials hub
44	Viridian Lithium Processing	Lithium processing facility. Industrial wastewater from chemical conversion.	N/A — industrial facility	CRMA Strategic (Mar 2025); lithium conversion
45	Lithium Hydroxide Converter Guben	Lithium hydroxide conversion plant in Brandenburg. Processing imported spodumene concentrate. Industrial wastewater management.	N/A — industrial facility	CRMA Strategic (Mar 2025); Brandenburg facility; battery supply chain
46	Jervois Finland Cobalt Refinery	Cobalt refinery expansion. Existing Kokkola operation. Industrial wastewater management.	N/A — industrial facility	CRMA Strategic (Mar 2025); cobalt refining capacity expansion
47	Hycamite Graphite Processing	Innovative graphite processing technology. Finnish facility. Lower environmental footprint claimed.	N/A — industrial facility	CRMA Strategic (Mar 2025); battery anode materials
48	Pulawy REE Separation Plant	REE separation facility. Industrial chemical processing. Wastewater treatment required.	N/A — industrial facility	CRMA Strategic (Mar 2025); REE magnet supply chain; links to Kasiya extraction (Malawi)
49	Balakhivka Graphite Deposit	Part of EU-Ukraine strategic minerals MoU (2021). Graphite deposit in central Ukraine. Operations severely limited by ongoing conflict since Feb 2022. Pre-war production ~17,000 tonnes/year. EU designating projects despite active war zone risks.	Pivdennyi Buh River basin; Regional agricultural aquifers; Central Ukrainian groundwater systems	CONFLICT ZONE. EU Strategic Jun 2025. Operations severely limited. EU-Ukraine MoU 2021.

ID	Project Name	Key Water Impact Details	Affected Water Bodies	Legal/Regulatory Status
50	Norghraph Graphite Project	Integrated graphite extraction and processing in northern Norway. Arctic conditions with permafrost. Part of Norway-Greenland strategic supply chain. EEA member applying EU environmental acquis.	Northern Norwegian fjords; Arctic coastal waters; Permafrost-affected groundwater; Barents Sea drainage	ADVANCING. EU Strategic Jun 2025. Norwegian permitting applies EU standards via EEA.
51	Greenland Graphite Project	Graphite extraction in Greenland (Danish Overseas Country and Territory). Integrated with Norwegian Norgraph processing. Inuit Indigenous concerns. Climate-sensitive environment with ice sheet proximity.	Greenland ice sheet drainage systems; Arctic fjords; Inuit traditional fishing waters; Permafrost aquifers	ADVANCING. EU Strategic Jun 2025. Inuit rights consultations required. US interest noted.
52	BAUX-EU/GALLANT/LEADER Project	€295.5M investment at Aluminium of Greece plant (Agios Nikolaos, Viotia). Bauxite extraction in Mt Parnassus-Giona zone (karstic). First EU gallium production. Red mud (bauxite residue) disposal historically problematic — LIFE project tested dry disposal in abandoned pits. 2M tonnes bauxite, 1.26M tonnes alumina, 50 tonnes gallium annually by 2028. EIB €90M financing (Jan 2026).	Karst aquifers Mt Parnassus-Giona; Gulf of Corinth (historic red mud discharge); Regional groundwater	ADVANCING — EIB financing approved Jan 2026; CRMA Strategic status Mar 2025; production start 2026-2028
53	CO2Graphite Project	Innovative carbon capture technology converting CO2 to graphite using Molten Salt Carbon Capture and Electrochemical Transformation (MSCC-ET). €18M EIB venture debt (Apr 2025). Carbon-negative process — removes 3.7t CO2 per tonne of graphite. Target: 60,000 tonnes annually by 2030. Only Baltic CRMA Strategic Project. Processing facility in Tallinn.	Baltic Sea (indirect via wastewater treatment); Estonian coastal waters	ADVANCING — EIB financing Apr 2025; CRMA Strategic status Mar 2025; Generation 3 reactor operational 2025
54	Kolmisoppi Nickel-Cobalt Deposit	CRITICAL LEGACY CONTEXT: Kolmisoppi is Terrafame's unexploited deposit adjacent to Talvivaara/Kuusilampi — site of Finland's worst mining environmental disaster. Multiple toxic leaks contaminated Lake Nuasjärvi (now meromictic). Criminal convictions for environmental offenses. Permit REJECTED Dec 2025 by Regional State Administrative Agency — must be handled with main permit. Same bioheap leach...	Lake Nuasjärvi (contaminated, meromictic); Lake Kolmisoppi; Oulujoki water system; Vuoksi water system; Regional lakes	CONTESTED — Permit REJECTED Dec 2025. New application planned Apr 2026. CRMA Strategic status Mar 2025.
55	Ageli Lithium Project	Integrated lithium extraction and processing project by Eramet (major French mining company). Part of France's lithium strategy alongside EMLI. Details on specific site location and water impacts limited in public domain.	To be determined based on site location	ADVANCING — CRMA Strategic status Mar 2025
56	Lift One Lithium Processing	Lithium hydroxide processing facility in Portugal. Part of Portugal's lithium value chain alongside Barroso (extraction) and Romano (extraction). Processing operation converting lithium concentrate to battery-grade lithium hydroxide.	Portuguese river systems (site-specific TBD)	ADVANCING — CRMA Strategic status Mar 2025
57	BAM4EVER Graphite Processing	Graphite processing facility in France by Tokai COBEX Savoie. Processing operation for battery-grade graphite. Part of European graphite value chain.	French river systems (site-specific TBD)	ADVANCING — CRMA Strategic status Mar 2025
58	CAREMAG REE Processing	REE magnet materials and boron processing facility in France. Part of European REE value chain for permanent magnets.	French river systems (site-specific TBD)	ADVANCING — CRMA Strategic status Mar 2025
59	European Strategic Graphite Initiative	Cross-border graphite processing initiative spanning France, Germany, and Namibia. Processing battery-grade graphite for European EV market.	Multiple (France/Germany river systems)	ADVANCING — CRMA Strategic status Mar 2025

## Section 3: Scoring Methodology & Categories

### Water Impact Scoring (1-5)

Score	Criteria	WFD Relevance
5	Documented catastrophic contamination or imminent risk; transboundary impacts; drinking water threatened; criminal prosecution or legacy disaster	Would require WFD Article 4.7 exemption; "no deterioration" principle directly at stake
4	Significant contamination risk; major water body threatened; strong scientific evidence; community drinking water at risk	WFD protection essential for preventing harm; revision would lower permitting bar
3	Moderate risk; localised impacts; protected areas or sensitive ecosystems; early-stage projects with potential	WFD framework relevant for precautionary protection
2	Lower direct water risk but still relevant; indirect impacts; monitoring concerns	WFD monitoring and reporting functions important

### National Status Categories

Status	Definition
Operating	Active production with government support
Advancing	EU Strategic, PIE status, permits granted, under construction, concession granted
Contested	Government backing challenged through courts, parliament, or opposition
Blocked	Permit denied, invalidated, or legally stopped
On Hold	Mothballed, care & maintenance, decommissioning, expansion halted
Legacy	Historical site, state liability for remediation

### WFD Relevance Categories

Category	Meaning
CRITICAL	Would require WFD Article 4.7 exemption; "no deterioration" principle directly at stake; weakening WFD would directly remove protections for drinking water, transboundary river basins, or strategic aquifers
RELEVANT	WFD protection essential for preventing harm; revision would lower permitting bar; significant contamination risk to major water bodies
CAUTIONARY	WFD framework relevant for precautionary protection; moderate risk with localised impacts; early-stage projects with potential concerns

## Section 4: Sources & Hyperlinks

Complete reference list with clickable URLs for all database entries.

Project ID	Project Name	Source Description	URL
1	Jadar Lithium-Borates Project	Corporate Watch: Rio Tinto in Jadar Valley	<a href="https://corporatwatch.org/serbia-rio-tinto-driving-ecological-destruction-in-...">https://corporatwatch.org/serbia-rio-tinto-driving-ecological-destruction-in-...</a>
1	Jadar Lithium-Borates Project	TNI: Serbia's lithium gamble - transnational perspective	<a href="https://www.tni.org/en/article/serbias-lithium-gamble">https://www.tni.org/en/article/serbias-lithium-gamble</a>
1	Jadar Lithium-Borates Project	Ne damo Jadar: Serbian civil society opposition movement	<a href="https://nedamojadar.rs/">https://nedamojadar.rs/</a>
1	Jadar Lithium-Borates Project	Balkan Green Energy News: EC declares Jadar strategic (Jun 2025)	<a href="https://balkangreenenergynews.com/european-commission-declares-jadar-project-...">https://balkangreenenergynews.com/european-commission-declares-jadar-project-...</a>
1	Jadar Lithium-Borates Project	EWB: EC approves controversial Serbian lithium project (Jun 2025)	<a href="http://europeanwesternbalkans.com/2025/06/05/european-commission-approves-con-...">http://europeanwesternbalkans.com/2025/06/05/european-commission-approves-con-...</a>
1	Jadar Lithium-Borates Project	BHRRC: Strategic Projects local realities - Serbia concerns	<a href="https://www.business-humanrights.org/en/from-us/briefings/strategic-projects-...">https://www.business-humanrights.org/en/from-us/briefings/strategic-projects-...</a>
2	Mina do Barroso Lithium Mine	Euronews: Commission keeps strategic status (Dec 2025)	<a href="https://www.euronews.com/my-europe/2025/12/04/european-commission-keeps-portu-...">https://www.euronews.com/my-europe/2025/12/04/european-commission-keeps-portu-...</a>
2	Mina do Barroso Lithium Mine	ClientEarth: NGOs challenge Commission (Jun 2025)	<a href="https://www.clientearth.org/latest/press-office/press-releases/ngos-challenge-...">https://www.clientearth.org/latest/press-office/press-releases/ngos-challenge-...</a>
2	Mina do Barroso Lithium Mine	FoE Europe/EEB/MiningWatch Portugal: Critical Factsheet - Barroso (Dec 2024)	<a href="https://friendsoftheearth.eu/wp-content/uploads/2024/12/Factsheet-Strategic-P-...">https://friendsoftheearth.eu/wp-content/uploads/2024/12/Factsheet-Strategic-P-...</a>
2	Mina do Barroso Lithium Mine	EURMC/EEB: Critical Factsheet - Lithium Mining in Barroso	<a href="https://eurmc.org/publication/lithium-mining-in-barroso-northern-portugal-cri-...">https://eurmc.org/publication/lithium-mining-in-barroso-northern-portugal-cri-...</a>
2	Mina do Barroso Lithium Mine	ClientEarth/MiningWatch Portugal/UDCB: NGOs challenge Commission (Jun 2025)	<a href="https://www.clientearth.org/latest/press-office/press-releases/ngos-challenge-...">https://www.clientearth.org/latest/press-office/press-releases/ngos-challenge-...</a>
2	Mina do Barroso Lithium Mine	ClientEarth/UDCB: EU Commission sued over Barroso decision (Feb 2026)	<a href="https://www.clientearth.org/latest/press-office/press-releases/eu-commission-...">https://www.clientearth.org/latest/press-office/press-releases/eu-commission-...</a>
2	Mina do Barroso Lithium Mine	ClientEarth: Commission doubles down - NGOs warn of sacrifice zone (Nov 2025)	<a href="https://www.clientearth.org/latest/press-office/press-releases/eu-commission-...">https://www.clientearth.org/latest/press-office/press-releases/eu-commission-...</a>
2	Mina do Barroso Lithium Mine	Save Barroso: Community opposition website	<a href="https://www.savebarroso.com/">https://www.savebarroso.com/</a>
2	Mina do Barroso Lithium Mine	ClientEarth: Commission doubles down	<a href="https://www.clientearth.org/latest/press-office/press-releases/eu-commission-...">https://www.clientearth.org/latest/press-office/press-releases/eu-commission-...</a>
3	Nussir Copper Mine / Repparfjord	Mongabay: Mining waste in Arctic Norway (Nov 2025)	<a href="https://news.mongabay.com/2025/11/plans-to-dispose-of-mining-waste-in-norways-...">https://news.mongabay.com/2025/11/plans-to-dispose-of-mining-waste-in-norways-...</a>
3	Nussir Copper Mine / Repparfjord	ICWA: Norwegian paradox (Dec 2025)	<a href="https://www.icwa.org/norway-sami-mine-protest-environment/">https://www.icwa.org/norway-sami-mine-protest-environment/</a>
3	Nussir Copper Mine / Repparfjord	Earthworks: Repparfjord	<a href="https://earthworks.org/blog/kvalsund/">https://earthworks.org/blog/kvalsund/</a>
3	Nussir Copper Mine / Repparfjord	Pulitzer Center: Green-conscious Norway	<a href="https://pulitzercenter.org/stories/green-conscious-norway-will-dig-new-copper-...">https://pulitzercenter.org/stories/green-conscious-norway-will-dig-new-copper-...</a>
4	Førdefjord Rutile Mine	Naturvernforbundet (FoE Norway): Førdefjord campaign	<a href="https://naturvernforbundet.no/">https://naturvernforbundet.no/</a>
4	Førdefjord Rutile/Garnet Mine	Fjordsøksmålet: The lawsuit	<a href="https://fjordsoksmalet.no/the-fjord-lawsuit/">https://fjordsoksmalet.no/the-fjord-lawsuit/</a>
4	Førdefjord Rutile/Garnet Mine	Seas at Risk: EC and ESA support NGOs	<a href="https://seas-at-risk.org/members-news/european-commission-and-the-efra-survei-...">https://seas-at-risk.org/members-news/european-commission-and-the-efra-survei-...</a>
4	Førdefjord Rutile/Garnet Mine	FoE Europe: Førdefjord lawsuit	<a href="https://friendsoftheearth.eu/news/the-fjord-lawsuit-end-the-mining-project-sa-...">https://friendsoftheearth.eu/news/the-fjord-lawsuit-end-the-mining-project-sa-...</a>
5	Talvivaara / Terrafame Nickel-Cobalt Mine	Nature Scientific Reports: Lake ecosystem destruction	<a href="https://www.nature.com/articles/s41598-017-11421-8">https://www.nature.com/articles/s41598-017-11421-8</a>
5	Talvivaara / Terrafame Nickel-Cobalt Mine	WISE Uranium: Talvivaara updates	<a href="https://www.wise-uranium.org/upfi.html">https://www.wise-uranium.org/upfi.html</a>
5	Talvivaara / Terrafame Nickel-Cobalt Mine	Nuclear Heritage: Environmental disaster	<a href="https://www.nuclear-heritage.net/index.php/Talvivaara_mine:_environmental_dis-...">https://www.nuclear-heritage.net/index.php/Talvivaara_mine:_environmental_dis-...</a>
5	Talvivaara / Terrafame Nickel-Cobalt Mine	EJAtlas: Talvivaara conflict	<a href="https://ejatlas.org/conflict/talvivaara-mining-company">https://ejatlas.org/conflict/talvivaara-mining-company</a>
6	Valdeflores/Cáceres Lithium Project	FoE Europe/EEB/Ecologistas en Acción: Critical Factsheet - Cáceres (Feb 2025)	<a href="https://friendsoftheearth.eu/wp-content/uploads/2024/12/Factsheet-Strategic-P-...">https://friendsoftheearth.eu/wp-content/uploads/2024/12/Factsheet-Strategic-P-...</a>
6	Valdeflores/Cáceres Lithium Project	Ecologistas en Acción: Una mina de litio a las puertas de Cáceres	<a href="https://www.ecologistasenaccion.org/35579/">https://www.ecologistasenaccion.org/35579/</a>
6	Valdeflores/Cáceres Lithium Project	El Salto: Revés judicial a la mina de Valdeflores (Sep 2020)	<a href="https://www.elsaltodiario.com/caceres/reves-judicial-mina-valdeflores">https://www.elsaltodiario.com/caceres/reves-judicial-mina-valdeflores</a>
6	Valdeflores/Cáceres Lithium Project	El Salto: Cinco respuestas sobre Valdeflores (Jan 2023)	<a href="https://www.elsaltodiario.com/mineria/mina-litio-valdeflores-cinco-respuestas-...">https://www.elsaltodiario.com/mineria/mina-litio-valdeflores-cinco-respuestas-...</a>
6	Valdeflores/Cáceres Lithium Project	Plataforma Salvemos la Montaña de Cáceres: Community opposition	<a href="https://salvemoslamontana.org/">https://salvemoslamontana.org/</a>
6	Valdeflores / San José Lithium Mine (Cáceres)	Earth Island Journal: Locals fight lithium mine	<a href="https://www.earthisland.org/journal/index.php/articles/entry/locals-are-fight-...">https://www.earthisland.org/journal/index.php/articles/entry/locals-are-fight-...</a>
6	Valdeflores / San José Lithium Mine (Cáceres)	The Ecologist: Cáceres rejects mine	<a href="https://theecologist.org/2020/jun/10/caceres-rejects-lithium-mine">https://theecologist.org/2020/jun/10/caceres-rejects-lithium-mine</a>
6	Valdeflores / San José Lithium Mine (Cáceres)	BHRRC: 134 CSOs oppose	<a href="https://www.business-humanrights.org/en/latest-news/spain-134-csos-express-op-...">https://www.business-humanrights.org/en/latest-news/spain-134-csos-express-op-...</a>
6	Valdeflores / San José Lithium Mine (Cáceres)	European Water Movement: Cáceres water threat	<a href="http://europeanwater.org/actions/country-city-focus/1144-caceres-energy-and-l-...">http://europeanwater.org/actions/country-city-focus/1144-caceres-energy-and-l-...</a>
6	Valdeflores / San José Lithium Mine (Cáceres)	Climate Home: Europe's lithium rush	<a href="https://www.climatechangenews.com/2025/05/16/europes-lithium-rush-leaves-mine-...">https://www.climatechangenews.com/2025/05/16/europes-lithium-rush-leaves-mine-...</a>
7	Las Navas Lithium Mine (Cañaveral)	Climate Home: Europe's lithium rush	<a href="https://www.climatechangenews.com/2025/05/16/europes-lithium-rush-leaves-mine-...">https://www.climatechangenews.com/2025/05/16/europes-lithium-rush-leaves-mine-...</a>
7	Las Navas Lithium Mine	El Salto: Comisión Europea declara estratégicos proyectos en Extremadura (Mar 2025)	<a href="https://www.elsaltodiario.com/mineria/comision-europea-declara-estrategicos-t-...">https://www.elsaltodiario.com/mineria/comision-europea-declara-estrategicos-t-...</a>
7	Las Navas Lithium Mine (Cañaveral)	Iberian Mining Observatory: Las Navas	<a href="https://minob.org/english/mina-de-las-navas.html">https://minob.org/english/mina-de-las-navas.html</a>

Project ID	Project Name	Source Description	URL
7	Las Navas Lithium Mine (Cañaveral)	AID/WATCH: Cañaveral	<a href="https://aidwatch.org.au/campaigns/canaveral-spain/">https://aidwatch.org.au/campaigns/canaveral-spain/</a>
7	Las Navas Lithium Mine (Cañaveral)	Lithium Iberia: The project	<a href="https://lithiumiberia.com/en/the-project/">https://lithiumiberia.com/en/the-project/</a>
8	Sierra de Gata Lithium-Tungsten Exploration	El Salto: La minería amenaza Sierra de Gata (Spanish)	<a href="https://www.elsaltdiario.com/mineria/sierra-gata-amenazada-mineria">https://www.elsaltdiario.com/mineria/sierra-gata-amenazada-mineria</a>
8	Sierra de Gata Lithium-Tungsten Exploration	The Geopolitics: Rare earths and rural Spain	<a href="https://thegeopolitics.com/rare-earths-geostrategy-and-fears-of-dislocation-i...">https://thegeopolitics.com/rare-earths-geostrategy-and-fears-of-dislocation-i...</a>
8	Sierra de Gata Lithium-Tungsten Exploration	Climate Home: Lithium rush communities	<a href="https://www.climatechangenews.com/2025/05/16/europes-lithium-rush-leaves-mine...">https://www.climatechangenews.com/2025/05/16/europes-lithium-rush-leaves-mine...</a>
9	LKAB Per Geijer REE Expansion (Kiruna)	Euronews: Sámi communities impact (Feb 2023)	<a href="https://www.euronews.com/green/2023/02/11/mining-europes-biggest-rare-earth-d...">https://www.euronews.com/green/2023/02/11/mining-europes-biggest-rare-earth-d...</a>
9	LKAB Per Geijer REE Expansion (Kiruna)	EEB: Stockholm roundtable press release (Mar 2026)	<a href="https://eeb.org/en/commission-water-law-roundtable/">https://eeb.org/en/commission-water-law-roundtable/</a>
10	Boliden Aitik Copper Mine	WISE Uranium: Aitik dam failure	<a href="https://www.wise-uranium.org/mdafai.html">https://www.wise-uranium.org/mdafai.html</a>
10	Boliden Aitik Copper Mine	Boliden: Public disclosure Aitik TSF (PDF)	<a href="https://www.boliden.com/48e731/globalassets/sustainability/sustainability-2/d...">https://www.boliden.com/48e731/globalassets/sustainability/sustainability-2/d...</a>
10	Boliden Aitik Copper Mine	EEB: Stockholm roundtable (Mar 2026)	<a href="https://eeb.org/en/commission-water-law-roundtable/">https://eeb.org/en/commission-water-law-roundtable/</a>
11	Kevitsa Nickel-Copper Mine	Boliden: Kevitsa sustainability	<a href="https://reports.boliden.com/2018/environmental2018/material-topic-effluents-a...">https://reports.boliden.com/2018/environmental2018/material-topic-effluents-a...</a>
12	Gállok (Kallak) Iron Ore Mine	EEB: RESourceEU critique	<a href="https://eeb.org/en/resourceeu/">https://eeb.org/en/resourceeu/</a>
12	Gállok (Kallak) Iron Ore Mine	Heinrich Böll: Metal mining water robbery	<a href="https://eu.boell.org/en/2025/11/05/wateratlas-metal-mining-great-water-robbery">https://eu.boell.org/en/2025/11/05/wateratlas-metal-mining-great-water-robbery</a>
13	Nunasvaara South Graphite Mine (Vittangi)	Mongabay: Sámi protest EU-backed graphite mine (Dec 2025)	<a href="https://news.mongabay.com/2025/12/sami-reindeer-herders-protest-eu-backed-gra...">https://news.mongabay.com/2025/12/sami-reindeer-herders-protest-eu-backed-gra...</a>
13	Nunasvaara South Graphite Mine (Vittangi)	BHRRC: Supreme Court upholds approval	<a href="https://www.business-humanrights.org/en/latest-news/sweden-supreme-court-upho...">https://www.business-humanrights.org/en/latest-news/sweden-supreme-court-upho...</a>
13	Nunasvaara South Graphite Mine (Vittangi)	SSNC Norrbotten (Vittangi)	<a href="https://norrbotten.naturskyddsforeningen.se/category/vittangi/">https://norrbotten.naturskyddsforeningen.se/category/vittangi/</a>
13	Nunasvaara South Graphite Mine (Vittangi)	Nunasvaara coalition	<a href="https://www.nunasvaara.se/">https://www.nunasvaara.se/</a>
14	Oviken Uranium/Alum Shale (Storsjöbygden)	Berg municipality Q&A; (Swedish)	<a href="https://berg.se/kommun-och-politik/brytning-av-alunskiffer-vid-storsjon---fra...">https://berg.se/kommun-och-politik/brytning-av-alunskiffer-vid-storsjon---fra...</a>
14	Oviken Uranium/Alum Shale (Storsjöbygden)	Gruvprotest.info	<a href="https://www.gruvprotest.info/">https://www.gruvprotest.info/</a>
14	Oviken Uranium/Alum Shale (Storsjöbygden)	Facebook: Stoppa alunskifferbrytning	<a href="https://www.facebook.com/groups/2445123542397825/">https://www.facebook.com/groups/2445123542397825/</a>
15	Salsigne Gold/Arsenic Mine (legacy)	France Nature Environnement (French)	<a href="https://fne.asso.fr/actualites/salsigne-la-vallee-de-l-arsenic-un-scandale-d-...">https://fne.asso.fr/actualites/salsigne-la-vallee-de-l-arsenic-un-scandale-d-...</a>
15	Salsigne Gold/Arsenic Mine (legacy)	France 24: Down to Earth documentary	<a href="https://www.france24.com/en/20190216-down-earth-france-pollution-gold-mine-ar...">https://www.france24.com/en/20190216-down-earth-france-pollution-gold-mine-ar...</a>
15	Salsigne Gold/Arsenic Mine (legacy)	Multinationals Observatory	<a href="https://multinationales.org/en/investigations/extractive-industries-and-the-r-...">https://multinationales.org/en/investigations/extractive-industries-and-the-r-...</a>
15	Salsigne Gold/Arsenic Mine (legacy)	France 3: Court ruling (French)	<a href="https://france3-regions.franceinfo.fr/occitanie/aude/carcassonne/pollution-a-...">https://france3-regions.franceinfo.fr/occitanie/aude/carcassonne/pollution-a-...</a>
16	Limburg Coal Mines (rising mine water)	NOS: Rising mine water threatens Limburg (Dutch)	<a href="https://nos.nl/nieuwsuur/artikel/2145785-stijgend-mijnwater-bedreigt-limburg">https://nos.nl/nieuwsuur/artikel/2145785-stijgend-mijnwater-bedreigt-limburg</a>
16	Limburg Coal Mines (rising mine water)	BNNVARA: Mining damage (Dutch)	<a href="https://www.bnnvara.nl/artikelen/wat-zijn-de-schadelijke-gevolgen-van-de-mijn...">https://www.bnnvara.nl/artikelen/wat-zijn-de-schadelijke-gevolgen-van-de-mijn...</a>
16	Limburg Coal Mines (rising mine water)	SodM: Coal mining oversight	<a href="https://www.sodm.nl/jaarverslag2019/voormalige-steenkoolwinning">https://www.sodm.nl/jaarverslag2019/voormalige-steenkoolwinning</a>
17	Southern Harz Gypsum Karst Mining	Karstwanderweg: Southern Harz karst	<a href="https://www.karstwanderweg.de/publika/knolle/engl/index.htm">https://www.karstwanderweg.de/publika/knolle/engl/index.htm</a>
17	Southern Harz Gypsum Karst Mining	VDHK: Protected areas and geoparks	<a href="https://www.vdhk.de/en/protected-areas-and-geoparks">https://www.vdhk.de/en/protected-areas-and-geoparks</a>
18	Nanclares Quarry / Badaia Karst Aquifer	Cadena SER: Quarry flood video (May 2024, Spanish)	<a href="https://cadenaser.com/euskadi/2024/05/09/un-video-muestra-como-sale-el-agua-d...">https://cadenaser.com/euskadi/2024/05/09/un-video-muestra-como-sale-el-agua-d...</a>
18	Nanclares Quarry / Badaia Karst Aquifer	Cadena SER: New flood Dec 2024 (Spanish)	<a href="https://cadenaser.com/euskadi/2024/12/10/la-canteras-de-nanclares-vuelve-a-inu...">https://cadenaser.com/euskadi/2024/12/10/la-canteras-de-nanclares-vuelve-a-inu...</a>
18	Nanclares Quarry / Badaia Karst Aquifer	Speleological research (Academia.edu)	<a href="https://www.academia.edu/143736993/Cueva_epifre%C3%A1tica_interceptada_en_la_...">https://www.academia.edu/143736993/Cueva_epifre%C3%A1tica_interceptada_en_la_...</a>
19	Silvermines & Tynagh Mines (legacy)	Silvermines IAG Report (PDF)	<a href="https://www.tipperarycoco.ie/sites/default/files/2022-07/IAG%20Report.pdf">https://www.tipperarycoco.ie/sites/default/files/2022-07/IAG%20Report.pdf</a>
19	Silvermines & Tynagh Mines (legacy)	Tynagh contamination study (QUB, PDF)	<a href="https://pureadmin.qub.ac.uk/ws/portalfiles/portal/13863974/Contaminants_in_su...">https://pureadmin.qub.ac.uk/ws/portalfiles/portal/13863974/Contaminants_in_su...</a>
20	Turów Mine & Lusatian Neisse Basin	WNP.pl: Turów water dispute (Polish)	<a href="https://www.wnp.pl/energia/gornictwo/kopalnia-turow-pracuje-duzo-ciszej-czech...">https://www.wnp.pl/energia/gornictwo/kopalnia-turow-pracuje-duzo-ciszej-czech...</a>
20	Turów Mine & Lusatian Neisse Basin	MKOO: Transboundary water strategy	<a href="https://www.mkoo.pl/show.php?fid=8798(=PL">https://www.mkoo.pl/show.php?fid=8798(=PL</a>
20	Turów Mine & Lusatian Neisse Basin	MDPI: Lusatian Neisse water risk	<a href="https://www.mdpi.com/2071-1050/12/12/5060">https://www.mdpi.com/2071-1050/12/12/5060</a>
20	Turów Mine & Lusatian Neisse Basin	Zielona Gospodarka: Jämschwalde impact (Polish)	<a href="https://zielonagospodarka.pl/mkis-trudno-jednoznacznie-ustalic-wplyw-kopalni-...">https://zielonagospodarka.pl/mkis-trudno-jednoznacznie-ustalic-wplyw-kopalni-...</a>
21	Norra Kärr REE Project	EEB: Mining industry wants to pollute your drinking water - Norra Kärr case (Mar 2026)	<a href="https://meta.eeb.org/2026/03/23/mining-industry-wants-to-pollute-your-drinkin...">https://meta.eeb.org/2026/03/23/mining-industry-wants-to-pollute-your-drinkin...</a>
21	Norra Kärr REE Project	Urberggruppen Grenna-Norra Kärr: Local grassroots opposition	<a href="https://urberggruppen.se/">https://urberggruppen.se/</a>
21	Norra Kärr REE Project	Lake Vättern Water Protection Association: Water risk assessment	<a href="https://vattern.org/">https://vattern.org/</a>
21	Norra Kärr REE Mine (Lake Vättern)	GlobeNewswire: HREE crisis spotlights Norra Kärr (Dec 2025)	<a href="https://www.globenewswire.com/news-release/2025/12/01/3196684/0/en/Heavy-Rare...">https://www.globenewswire.com/news-release/2025/12/01/3196684/0/en/Heavy-Rare...</a>
21	Norra Kärr REE Mine (Lake Vättern)	Petition: No REE mining at Norra Kärr	<a href="https://www.thepetitionsite.com/800/859/727/stop-the-rare-earth-mining-projec...">https://www.thepetitionsite.com/800/859/727/stop-the-rare-earth-mining-projec...</a>

Project ID	Project Name	Source Description	URL
22	Cobre Las Cruces Copper Mine (Gerena)	MINOB: Mina de Las Cruces case file	<a href="https://minob.org/english/mina-las-cruces.html">https://minob.org/english/mina-las-cruces.html</a>
22	Cobre Las Cruces Copper Mine (Gerena)	Ecologistas en Acción: Las Cruces lying about damage (English)	<a href="https://www.ecologistasenaccion.org/114286/la-mina-cobre-las-cruces-miente-so...">https://www.ecologistasenaccion.org/114286/la-mina-cobre-las-cruces-miente-so...</a>
22	Cobre Las Cruces Copper Mine (Gerena)	Mines & Communities: Las Cruces damage	<a href="https://www.minesandcommunities.org/article.php?a=13921">https://www.minesandcommunities.org/article.php?a=13921</a>
23	Mina de Touro Copper Mine (Galicia)	MINOB: Mina de Touro case file	<a href="https://www.minob.org/english/mina-de-touro.html">https://www.minob.org/english/mina-de-touro.html</a>
23	Mina de Touro Copper Mine (Galicia)	NOS Diario: Toxic filtration concern (Feb 2026, Galician)	<a href="https://www.nosdiario.gal/articulo/social/preocupacion-entre-vecinanza-touro-...">https://www.nosdiario.gal/articulo/social/preocupacion-entre-vecinanza-touro-...</a>
23	Mina de Touro Copper Mine (Galicia)	Ambientum: Defensor del Pueblo investigation	<a href="https://www.ambientum.com/ambientum/medio-natural/la-oficina-del-defensor-del-...">https://www.ambientum.com/ambientum/medio-natural/la-oficina-del-defensor-del-...</a>
24	Sakatti Copper-Nickel Mine	Anglo American: Sakatti project page	<a href="https://www.angloamerican.com/our-portfolio/our-projects/sakatti">https://www.angloamerican.com/our-portfolio/our-projects/sakatti</a>
24	Sakatti Copper-Nickel Mine	Fern.org: Mining in the Arctic - A Critical Threat (Dec 2025)	<a href="https://www.fern.org/story-articles/mining-in-the-arctic-a-critical-threat/">https://www.fern.org/story-articles/mining-in-the-arctic-a-critical-threat/</a>
24	Sakatti Copper-Nickel Mine	Barents Observer: EU's hunt for minerals risks unique nature reserve (Jun 2025)	<a href="https://www.thebarentsobserver.com/news/eus-hunt-for-strategic-minerals-risks...">https://www.thebarentsobserver.com/news/eus-hunt-for-strategic-minerals-risks...</a>
24	Sakatti Copper-Nickel Mine	Journal of Political Ecology: Reindeer herders in the green sacrifice zone (2025)	<a href="https://journals.librarypublishing.arizona.edu/jpe/article/5696/galley/7124/v...">https://journals.librarypublishing.arizona.edu/jpe/article/5696/galley/7124/v...</a>
24	Sakatti Copper-Nickel Mine	Fern: Mining in the Arctic - A Critical Threat (Dec 2025)	<a href="https://www.fern.org/story-articles/mining-in-the-arctic-a-critical-threat/">https://www.fern.org/story-articles/mining-in-the-arctic-a-critical-threat/</a>
24	Sakatti Copper-Nickel Mine	Journal of Political Ecology: Reindeer herders in the green sacrifice zone (2025)	<a href="https://journals.librarypublishing.arizona.edu/jpe/article/5696/galley/7124/v...">https://journals.librarypublishing.arizona.edu/jpe/article/5696/galley/7124/v...</a>
25	KELIBER Lithium Project	Sibanye-Stillwater: Keliber project page	<a href="https://www.sibanyestillwater.com/business/europe/keliber/">https://www.sibanyestillwater.com/business/europe/keliber/</a>
25	KELIBER Lithium Project	Mining Technology: Keliber cost increase Q1 2025	<a href="https://www.mining-technology.com/news/sibanye-stillwater-keliber-lithium/">https://www.mining-technology.com/news/sibanye-stillwater-keliber-lithium/</a>
25	KELIBER Lithium Project	NordiskPost: Finland starts Europe's first lithium mine (Feb 2026)	<a href="https://www.nordiskpost.com/2026/02/13/finland-lithium-mine-in-europe-keliber-...">https://www.nordiskpost.com/2026/02/13/finland-lithium-mine-in-europe-keliber-...</a>
25	KELIBER Lithium Project	Mining Weekly: Keliber project update (Jan 2026)	<a href="https://www.miningweekly.com/article/keliber-lithium-hydroxide-project-finlan-...">https://www.miningweekly.com/article/keliber-lithium-hydroxide-project-finlan-...</a>
25	KELIBER Lithium Project	Keliber: Syväjärvi mining permit legally valid	<a href="https://www.keliber.fi/en/news/news-releases-and-publications/2E0F889ED3BF3F84/">https://www.keliber.fi/en/news/news-releases-and-publications/2E0F889ED3BF3F84/</a>
26	Cinovec Lithium Project	European Metals Holdings: Cinovec Project Overview	<a href="https://www.europeanmet.com/cinovec-project-overview/">https://www.europeanmet.com/cinovec-project-overview/</a>
26	Cinovec Lithium Project	MINEX Forum: Cinovec EIA verdict June 2026 (Mar 2026)	<a href="https://minexforum.com/2026/03/30/czech-cinovec-lithium-project-nears-critica...">https://minexforum.com/2026/03/30/czech-cinovec-lithium-project-nears-critica...</a>
26	Cinovec Lithium Project	Mining.com: EU gives €36M boost to Cinovec (Apr 2025)	<a href="https://www.mining.com/eu-gives-36m-boost-to-czech-lithium-project-cinovec/">https://www.mining.com/eu-gives-36m-boost-to-czech-lithium-project-cinovec/</a>
26	Cinovec Lithium Project	Green European Journal: Lithium Mining - A Czech Dilemma (Jan 2025)	<a href="https://www.greeneuropeanjournal.eu/lithium-mining-a-czech-dilemma/">https://www.greeneuropeanjournal.eu/lithium-mining-a-czech-dilemma/</a>
26	Cinovec Lithium Project	Business & Human Rights: Local concerns about water and air (Sep 2022)	<a href="https://www.business-humanrights.org/en/latest-news/czech-republic-locals-and-...">https://www.business-humanrights.org/en/latest-news/czech-republic-locals-and-...</a>
27	EMILI Lithium Project (Beauvoir)	Préfecture de l'Allier: Projet EMILI official page	<a href="https://www.allier.gouv.fr/Actions-de-l-Etat/Entreprises.-economie.-emploi-et-...">https://www.allier.gouv.fr/Actions-de-l-Etat/Entreprises.-economie.-emploi-et-...</a>
27	EMILI Lithium Project (Beauvoir)	EIB: Project EMILI Demo Plant (Jan 2025)	<a href="https://www.eib.org/en/projects/all/20240167">https://www.eib.org/en/projects/all/20240167</a>
27	EMILI Lithium Project (Beauvoir)	FNE Allier: Opposition to EMILI (Mar 2025)	<a href="https://www.fne-aura.org/nos-avis/allier/enquete-publique-projet-emili-imerys/">https://www.fne-aura.org/nos-avis/allier/enquete-publique-projet-emili-imerys/</a>
27	EMILI Lithium Project (Beauvoir)	Euronews: France's €1B lithium project (Oct 2024)	<a href="https://www.euronews.com/2024/10/05/inside-the-industrial-heartland-where-fra-...">https://www.euronews.com/2024/10/05/inside-the-industrial-heartland-where-fra-...</a>
27	EMILI Lithium Project (Beauvoir)	Politix: Mine de lithium électrifie le débat (Mar 2024)	<a href="https://www.politix.fr/articles/2024/03/allier-echassieres-imerys-emili-une-m-...">https://www.politix.fr/articles/2024/03/allier-echassieres-imerys-emili-une-m-...</a>
27	EMILI Lithium Project (Beauvoir)	IGEDD: Autorité environnementale opinion (Nov 2024)	<a href="https://www.igedd.developpement-durable.gouv.fr/IMG/pdf/1_-_241120_emili_ime-...">https://www.igedd.developpement-durable.gouv.fr/IMG/pdf/1_-_241120_emili_ime-...</a>
28	Rovina Valley Copper-Gold Project	FoE Europe/EEB/MiningWatch Romania: Critical Factsheet - Rovina (Dec 2024)	<a href="https://friendsoftheearth.eu/wp-content/uploads/2024/12/Factsheet-Strategic-P-...">https://friendsoftheearth.eu/wp-content/uploads/2024/12/Factsheet-Strategic-P-...</a>
28	Rovina Valley Copper-Gold Project	Ecou Rovina București Association/MiningWatch Romania: Case study	<a href="https://eeb.org/wp-content/uploads/2024/12/Factsheet-Strategic-Projects-Rovin-...">https://eeb.org/wp-content/uploads/2024/12/Factsheet-Strategic-Projects-Rovin-...</a>
28	Rovina Valley Copper-Gold Project	Save Rosia Montana: Campaign connections	<a href="https://www.rosiamontana.org/">https://www.rosiamontana.org/</a>
28	Rovina Valley Copper-Gold Project	Euro Sun Mining: Rovina Valley advancing (May 2025)	<a href="https://www.globenewswire.com/news-release/2025/05/07/3076575/0/en/Euro-Sun-M-...">https://www.globenewswire.com/news-release/2025/05/07/3076575/0/en/Euro-Sun-M-...</a>
28	Rovina Valley Copper-Gold Project	MINEX Forum: Rovina Valley moves toward construction (Jul 2025)	<a href="https://minexforum.com/2025/07/22/rovina-valley-project-europes-second-larges-...">https://minexforum.com/2025/07/22/rovina-valley-project-europes-second-larges-...</a>
28	Rovina Valley Copper-Gold Project	Energy Industry Review: Activists derail Euro Sun plans (Nov 2021)	<a href="https://energyindustryreview.com/metals-mining/environmental-activists-derail-...">https://energyindustryreview.com/metals-mining/environmental-activists-derail-...</a>
28	Rovina Valley Copper-Gold Project	Mining Technology: Rovina Valley Project overview	<a href="https://www.mining-technology.com/projects/rovina-valley-project-hunedoara/">https://www.mining-technology.com/projects/rovina-valley-project-hunedoara/</a>
28	Rovina Valley Copper-Gold Project	Highways Today: Euro Sun €200M Trafigura financing (Dec 2025)	<a href="https://highways.today/2025/12/23/romania-rovina-valley/">https://highways.today/2025/12/23/romania-rovina-valley/</a>
29	Zero Carbon Lithium (Vulcan)	EIB: €250M financing for Vulcan project	<a href="https://www.eib.org/en/press/all/2025-486-vulcan-energy-secures-eur250-millio-...">https://www.eib.org/en/press/all/2025-486-vulcan-energy-secures-eur250-millio-...</a>
29	Zero Carbon Lithium (Vulcan)	Electrive: Construction permit granted (Nov 2025)	<a href="https://www.electrive.com/2025/11/03/vulcan-energy-construction-permit-grante-...">https://www.electrive.com/2025/11/03/vulcan-energy-construction-permit-grante-...</a>
29	Zero Carbon Lithium (Vulcan)	Mining Technology: Zero Carbon Lithium Project overview	<a href="https://www.mining-technology.com/projects/zero-carbon-lithium-project-upper-...">https://www.mining-technology.com/projects/zero-carbon-lithium-project-upper-...</a>
29	Zero Carbon Lithium (Vulcan)	Discovery Alert: €104M German grant (Jul 2025)	<a href="https://discoveryalert.com.au/vulcan-energy-german-grants-lithium-supply-chai-...">https://discoveryalert.com.au/vulcan-energy-german-grants-lithium-supply-chai-...</a>
30	Chvaletice Manganese Project	EC: CRMA Strategic Projects list (Mar 2025)	<a href="https://single-market-economy.ec.europa.eu/sectors/raw-materials/areas-specif-...">https://single-market-economy.ec.europa.eu/sectors/raw-materials/areas-specif-...</a>
30	Chvaletice Manganese Project	Euro Manganese Inc: Project overview	<a href="https://www.mn25.ca/">https://www.mn25.ca/</a>
31	Aguablanca Copper-Nickel Project	Denarius Metals: Water Concession and permits (May 2025)	<a href="https://www.newsfilecorp.com/release/252348/Denarius-Metals-Announces-Receipt-...">https://www.newsfilecorp.com/release/252348/Denarius-Metals-Announces-Receipt-...</a>
31	Aguablanca Copper-Nickel Project	Mining Technology: Aguablanca Nickel-Copper Mine overview	<a href="https://www.mining-technology.com/projects/aguablanca-nickel-copper-mine-spain/">https://www.mining-technology.com/projects/aguablanca-nickel-copper-mine-spain/</a>
31	Aguablanca Copper-Nickel Project	MINOB: Mina de Aguablanca case file	<a href="https://www.minob.org/english/mina-de-aguablanca.html">https://www.minob.org/english/mina-de-aguablanca.html</a>
31	Aguablanca Copper-Nickel Project	Denarius Metals: €20M notes offering (Jan 2026)	<a href="https://www.newswire.ca/news-releases/denarius-metals-announces-the-launch-of-...">https://www.newswire.ca/news-releases/denarius-metals-announces-the-launch-of-...</a>
32	MINA DOADE Lithium Project	FoE Europe/EEB: Critical Factsheet - Alberta/Galicia (Dec 2024)	<a href="https://friendsoftheearth.eu/wp-content/uploads/2024/12/Factsheet-Strategic-P-...">https://friendsoftheearth.eu/wp-content/uploads/2024/12/Factsheet-Strategic-P-...</a>
32	MINA DOADE Lithium Project	FoE Europe: Dangers of EU-encouraged mining in Galicia (Mar 2026)	<a href="https://friendsoftheearth.eu/publication/the-dangers-of-eu-encouraged-mining-...">https://friendsoftheearth.eu/publication/the-dangers-of-eu-encouraged-mining-...</a>
32	MINA DOADE Lithium Project	Ecologistas en Acción: Mining boom alert in Spain	<a href="https://www.ocmal.org/ecologistas-en-accion-alerta-del-peligro-de-este-boom-d-...">https://www.ocmal.org/ecologistas-en-accion-alerta-del-peligro-de-este-boom-d-...</a>
32	MINA DOADE Lithium Project	Mina Doade: Official project website	<a href="https://minadoade.gal/en/the-mine/">https://minadoade.gal/en/the-mine/</a>

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32	MINA DOADE Lithium Project	Climate Home News: Rush for minerals tests Europe's nature protections (Feb 2026)	<a href="https://www.climatechangenews.com/2026/02/24/rush-for-critical-minerals-tests...">https://www.climatechangenews.com/2026/02/24/rush-for-critical-minerals-tests...</a>
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32	MINA DOADE Lithium Project	EURMC: Critical Factsheets - Lithium mining in Galicia (Mar 2025)	<a href="https://eurmc.org/publication/lithium-mining-in-south-galicia-spain-critical-...">https://eurmc.org/publication/lithium-mining-in-south-galicia-spain-critical-...</a>
32	MINA DOADE Lithium Project	Mina Doade: Public hearing phase (Jul 2025)	<a href="https://minadoade.gal/en/transparency/">https://minadoade.gal/en/transparency/</a>
33	Mining Project El Moto (Tungsten)	EC: CRMA Strategic Projects list (Mar 2025)	<a href="https://single-market-economy.ec.europa.eu/sectors/raw-materials/areas-specif...">https://single-market-economy.ec.europa.eu/sectors/raw-materials/areas-specif...</a>
34	P6 Metals Tungsten Project	EC: CRMA Strategic Projects list (Mar 2025)	<a href="https://single-market-economy.ec.europa.eu/sectors/raw-materials/areas-specif...">https://single-market-economy.ec.europa.eu/sectors/raw-materials/areas-specif...</a>
35	Talga Natural Graphite ONE	Saami Council: Statement on CRMA Strategic Projects (Mar 2025)	<a href="https://www.saamicouncil.net/news-archive/statement-crma">https://www.saamicouncil.net/news-archive/statement-crma</a>
35	Talga Natural Graphite ONE	Intercontinental Cry: Sámi communities say mining threatens reindeer herding (Mar 2026)	<a href="https://icmagazine.org/sami-communities-say-new-mining-project-threatens-rein...">https://icmagazine.org/sami-communities-say-new-mining-project-threatens-rein...</a>
35	Talga Natural Graphite ONE	IWGIA Indigenous World 2025: Sápmi chapter	<a href="https://iwgia.org/en/sapmi/5650-iw-2025-s%C3%A1pmi.html">https://iwgia.org/en/sapmi/5650-iw-2025-s%C3%A1pmi.html</a>
35	Talga Natural Graphite ONE	Friends of the Earth Sweden: LKAB wins Greenwashing Prize 2024	<a href="https://jordensvanner.se/artiklar/lkab-vinner-svenska-greenwashpriset-2024/">https://jordensvanner.se/artiklar/lkab-vinner-svenska-greenwashpriset-2024/</a>
35	Talga Natural Graphite ONE	Mining.com: Vittangi zoning approval (Jan 2026)	<a href="https://www.mining.com/web/vittangi-graphite-mine-in-sweden-gets-zoning-plan-...">https://www.mining.com/web/vittangi-graphite-mine-in-sweden-gets-zoning-plan-...</a>
36	ReeMAP Project (LKAB)	Saami Council: CRMA Strategic Projects on Sámi Lands (Mar 2025)	<a href="https://www.saamicouncil.net/news-archive/statement-crma">https://www.saamicouncil.net/news-archive/statement-crma</a>
36	ReeMAP Project (LKAB)	EEB: Mining industry wants to pollute your drinking water (Mar 2026)	<a href="https://meta.eeb.org/2026/03/23/mining-industry-wants-to-pollute-your-drinkin...">https://meta.eeb.org/2026/03/23/mining-industry-wants-to-pollute-your-drinkin...</a>
36	ReeMAP Project (LKAB)	EEB: Commission water law roundtable risks becoming mining get-together (Feb 2026)	<a href="https://eeb.org/en/commission-water-law-roundtable">https://eeb.org/en/commission-water-law-roundtable</a>
36	ReeMAP Project (LKAB)	IWGIA Indigenous World 2025: Sápmi - LKAB Greenwashing Prize	<a href="https://iwgia.org/en/sapmi/5650-iw-2025-s%C3%A1pmi.html">https://iwgia.org/en/sapmi/5650-iw-2025-s%C3%A1pmi.html</a>
36	ReeMAP Project (LKAB)	EEB: Extraction - Europe's Battle Over Water (Feb 2026)	<a href="https://meta.eeb.org/2026/02/25/frontlines-of-extraction-europes-battle-over-...">https://meta.eeb.org/2026/02/25/frontlines-of-extraction-europes-battle-over-...</a>
36	ReeMAP Project (LKAB)	LKAB: Europe's largest rare earth deposit in Kiruna	<a href="https://lkab.com/en/press/europes-largest-deposit-of-rare-earth-metals-is-loc...">https://lkab.com/en/press/europes-largest-deposit-of-rare-earth-metals-is-loc...</a>
36	ReeMAP Project (LKAB)	Euronews: EU funding clashes with environmental laws (Jan 2026)	<a href="https://www.euronews.com/my-europe/2026/01/22/europes-largest-rare-earths-min...">https://www.euronews.com/my-europe/2026/01/22/europes-largest-rare-earths-min...</a>
36	ReeMAP Project (LKAB)	MINEX Europe: Rare earths vs Sami rights paradox (Sep 2025)	<a href="https://2025.minexeurope.com/europes-green-transition-paradox-rare-earths-vs-...">https://2025.minexeurope.com/europes-green-transition-paradox-rare-earths-vs-...</a>
36	ReeMAP Project (LKAB)	IVL: Environmental studies at Kiruna mines (rivers monitoring)	<a href="https://www.ivl.se/english/ivl/our-offer/reference-case/environmental-studies...">https://www.ivl.se/english/ivl/our-offer/reference-case/environmental-studies...</a>
36	ReeMAP Project (LKAB)	LKAB: Critical minerals demonstration facility (Jan 2025)	<a href="https://lkab.com/en/press/lkab-constructs-facility-for-critical-minerals-the-...">https://lkab.com/en/press/lkab-constructs-facility-for-critical-minerals-the-...</a>
37	Romano Mine Lithium Project	Montalegre Com Vida: Community opposition association	<a href="https://www.facebook.com/montalegre.com.vida/">https://www.facebook.com/montalegre.com.vida/</a>
37	Romano Mine Lithium Project	Mining Weekly: Portugal's Lusorecursos gets final environmental OK (Sep 2023)	<a href="https://www.miningweekly.com/article/portugals-lusorecursos-gets-final-enviro...">https://www.miningweekly.com/article/portugals-lusorecursos-gets-final-enviro...</a>
37	Romano Mine Lithium Project	Portugal Resident: Environmental impact favourable (Sep 2023)	<a href="https://www.portugalresident.com/environmental-impact-of-planned-montalegre-l-...">https://www.portugalresident.com/environmental-impact-of-planned-montalegre-l-...</a>
37	Romano Mine Lithium Project	Portugal Resident: Montalegre prepares for lithium protests (Jan 2023)	<a href="https://www.portugalresident.com/montalegre-prepares-for-new-lithium-protests/">https://www.portugalresident.com/montalegre-prepares-for-new-lithium-protests/</a>
38	Lombador/Semblana Copper Project	EC: CRMA Strategic Projects list (Mar 2025)	<a href="https://single-market-economy.ec.europa.eu/sectors/raw-materials/areas-specif...">https://single-market-economy.ec.europa.eu/sectors/raw-materials/areas-specif...</a>
38	Lombador/Semblana Copper Project	Lundin Mining: Neves-Corvo operations	<a href="https://lundinmining.com/operations/neves-corvo/">https://lundinmining.com/operations/neves-corvo/</a>
39	SALROM Baia de Fier Graphite	EC: CRMA Strategic Projects list (Mar 2025)	<a href="https://single-market-economy.ec.europa.eu/sectors/raw-materials/areas-specif...">https://single-market-economy.ec.europa.eu/sectors/raw-materials/areas-specif...</a>
40	Verde Magnesium Project	EC: CRMA Strategic Projects list (Mar 2025)	<a href="https://single-market-economy.ec.europa.eu/sectors/raw-materials/areas-specif...">https://single-market-economy.ec.europa.eu/sectors/raw-materials/areas-specif...</a>
41	Los Frailes / Aznalcóllar Mine (Doñana disaster)	Ecologistas en Acción: Boliden trial coverage	<a href="https://www.ecologistasenaccion.org/boliden-aznalcollar/">https://www.ecologistasenaccion.org/boliden-aznalcollar/</a>
41	Los Frailes / Aznalcóllar Mine (Doñana disaster)	WWF Spain: Doñana protection campaign	<a href="https://www.wwf.es/nuestro_trabajo/donana/">https://www.wwf.es/nuestro_trabajo/donana/</a>
41	Los Frailes / Aznalcóllar Mine (Doñana disaster)	Wikipedia: Doñana disaster	<a href="https://en.wikipedia.org/wiki/Do%C3%B1ana_disaster">https://en.wikipedia.org/wiki/Do%C3%B1ana_disaster</a>
41	Los Frailes / Aznalcóllar Mine (Doñana disaster)	WISE Uranium: Los Frailes dam failure	<a href="https://www.wise-uranium.org/mdaff.html">https://www.wise-uranium.org/mdaff.html</a>
41	Los Frailes / Aznalcóllar Mine (Doñana disaster)	GRID-Arendal: Aznalcóllar mine failure	<a href="https://www.grida.no/resources/11433">https://www.grida.no/resources/11433</a>
41	Los Frailes / Aznalcóllar Mine (Doñana disaster)	Boliden: 1998 dam breach statement	<a href="https://www.boliden.com/sustainability/case-studies/in-focus/the-1998-dam-bre...">https://www.boliden.com/sustainability/case-studies/in-focus/the-1998-dam-bre...</a>
41	Los Frailes / Aznalcóllar Mine (Doñana disaster)	MINOB: Los Frailes case file	<a href="https://minob.org/english/mina-los-frailes.html">https://minob.org/english/mina-los-frailes.html</a>
42	GePETO Germanium Processing	EC: CRMA Strategic Projects list (Mar 2025)	<a href="https://single-market-economy.ec.europa.eu/sectors/raw-materials/areas-specif...">https://single-market-economy.ec.europa.eu/sectors/raw-materials/areas-specif...</a>
43	GALLICAM Multi-metal Processing	EC: CRMA Strategic Projects list (Mar 2025)	<a href="https://single-market-economy.ec.europa.eu/sectors/raw-materials/areas-specif...">https://single-market-economy.ec.europa.eu/sectors/raw-materials/areas-specif...</a>
44	Viridian Lithium Processing	EC: CRMA Strategic Projects list (Mar 2025)	<a href="https://single-market-economy.ec.europa.eu/sectors/raw-materials/areas-specif...">https://single-market-economy.ec.europa.eu/sectors/raw-materials/areas-specif...</a>
45	Lithium Hydroxide Converter Guben	EC: CRMA Strategic Projects list (Mar 2025)	<a href="https://single-market-economy.ec.europa.eu/sectors/raw-materials/areas-specif...">https://single-market-economy.ec.europa.eu/sectors/raw-materials/areas-specif...</a>
46	Jervois Finland Cobalt Refinery	EC: CRMA Strategic Projects list (Mar 2025)	<a href="https://single-market-economy.ec.europa.eu/sectors/raw-materials/areas-specif...">https://single-market-economy.ec.europa.eu/sectors/raw-materials/areas-specif...</a>
47	Hycamite Graphite Processing	EC: CRMA Strategic Projects list (Mar 2025)	<a href="https://single-market-economy.ec.europa.eu/sectors/raw-materials/areas-specif...">https://single-market-economy.ec.europa.eu/sectors/raw-materials/areas-specif...</a>
48	Pulawy REE Separation Plant	EC: CRMA Strategic Projects list (Mar 2025)	<a href="https://single-market-economy.ec.europa.eu/sectors/raw-materials/areas-specif...">https://single-market-economy.ec.europa.eu/sectors/raw-materials/areas-specif...</a>
49	Balakhivka Graphite Deposit	EUR-Lex: EC Decision 2025/1174 - 13 Non-EU Strategic Projects	<a href="https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32025D1174">https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32025D1174</a>
49	Balakhivka Graphite Deposit	GLOBSEC: Strategic autonomy starts in Ukraine (2025)	<a href="https://www.globsec.org/what-we-do/commentaries/strategic-autonomy-starts-ukr...">https://www.globsec.org/what-we-do/commentaries/strategic-autonomy-starts-ukr...</a>
49	Balakhivka Graphite Deposit	IEU Monitoring: Strategic raw materials in Ukraine - EU supply resilience	<a href="https://ieu-monitoring.com/editorial/strategic-raw-materials-in-ukraine-a-new...">https://ieu-monitoring.com/editorial/strategic-raw-materials-in-ukraine-a-new...</a>
49	Balakhivka Graphite Deposit	Euronews: Ukraine critical materials - why Trump eyeing them (Mar 2025)	<a href="https://www.euronews.com/my-europe/2025/03/05/what-critical-materials-and-min...">https://www.euronews.com/my-europe/2025/03/05/what-critical-materials-and-min...</a>

Project ID	Project Name	Source Description	URL
49	Balakhivka Graphite Deposit	Carnegie: Ukraine's Not So Critical Mineral Deposits (Apr 2025)	<a href="https://carnegieendowment.org/europe/strategic-europe/2025/04/ukraines-not-so...">https://carnegieendowment.org/europe/strategic-europe/2025/04/ukraines-not-so...</a>
49	Balakhivka Graphite Deposit	CEENERGYNEWS: Ukrainian metals key to battery production	<a href="https://ceenergynews.com/innovation/ukrainian-metals-and-rare-materials-seen-...">https://ceenergynews.com/innovation/ukrainian-metals-and-rare-materials-seen-...</a>
50	Norgraph Graphite Project	EUR-Lex: EC Decision 2025/1174 - Non-EU Strategic Projects	<a href="https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32025D1174">https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32025D1174</a>
50	Norgraph Graphite Project	GreenRoc Strategic Materials: Company overview	<a href="https://greenrocplc.com/">https://greenrocplc.com/</a>
50	Norgraph Graphite Project	Mining Weekly: EU 13 strategic projects outside bloc (Jun 2025)	<a href="https://www.miningweekly.com/article/eu-adds-13-strategic-projects-outside-th...">https://www.miningweekly.com/article/eu-adds-13-strategic-projects-outside-th...</a>
50	Norgraph Graphite Project	Benchmark Minerals: EU identifies 13 global critical mineral projects	<a href="https://source.benchmarkminerals.com/article/eu-identifies-13-global-critical...">https://source.benchmarkminerals.com/article/eu-identifies-13-global-critical...</a>
51	Greenland Graphite Project	EUR-Lex: EC Decision 2025/1174 - Non-EU Strategic Projects	<a href="https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32025D1174">https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32025D1174</a>
51	Greenland Graphite Project	High North News: Greenland minerals and US interest	<a href="https://www.highnorthnews.com/en">https://www.highnorthnews.com/en</a>
51	Greenland Graphite Project	Arctic Council: Greenland mineral governance	<a href="https://arctic-council.org/">https://arctic-council.org/</a>
51	Greenland Graphite Project	Inuit Circumpolar Council: Indigenous rights in Greenland	<a href="https://www.inuitcircumpolar.com/">https://www.inuitcircumpolar.com/</a>
52	BAUX-EU/GALLANT/LEADER (Greece)	Metlen official announcement - €295.5M FID	<a href="https://www.metlengroup.com/news/press-releases/new-large-scale-mining-metall...">https://www.metlengroup.com/news/press-releases/new-large-scale-mining-metall...</a>
52	BAUX-EU/GALLANT/LEADER (Greece)	EIB €90M financing announcement (Jan 2026)	<a href="https://www.eib.org/en/press/all/2026-011-eib-backs-europe-s-first-gallium-pr...">https://www.eib.org/en/press/all/2026-011-eib-backs-europe-s-first-gallium-pr...</a>
52	BAUX-EU/GALLANT/LEADER (Greece)	CRMA Strategic status confirmation (Mar 2025)	<a href="https://www.metlengroup.com/news/press-releases/metlen-s-investment-in-galli...">https://www.metlengroup.com/news/press-releases/metlen-s-investment-in-galli...</a>
52	BAUX-EU/GALLANT/LEADER (Greece)	LIFE project - Red mud rehabilitation of bauxite mines	<a href="https://webgate.ec.europa.eu/life/publicWebsite/project/LIFE03-ENV-GR-000213/...">https://webgate.ec.europa.eu/life/publicWebsite/project/LIFE03-ENV-GR-000213/...</a>
52	BAUX-EU/GALLANT/LEADER (Greece)	Scientific paper - REE in Parnassus-Giona red muds	<a href="https://www.cambridge.org/core/journals/mineralogical-magazine/article/abs/re...">https://www.cambridge.org/core/journals/mineralogical-magazine/article/abs/re...</a>
53	CO2Graphite (Estonia)	UP Catalyst CRMA Strategic status (Mar 2025)	<a href="https://upcatalyst.com/up-catalyst-selected-as-a-strategic-project-under-the-...">https://upcatalyst.com/up-catalyst-selected-as-a-strategic-project-under-the-...</a>
53	CO2Graphite (Estonia)	EIB €18M financing story	<a href="https://www.eib.org/en/stories/estonia-carbon-capture-graphite">https://www.eib.org/en/stories/estonia-carbon-capture-graphite</a>
53	CO2Graphite (Estonia)	Invest in Estonia - funding announcement	<a href="https://investinestonia.com/up-catalyst-secures-e18m-from-eib-to-scale-sustai...">https://investinestonia.com/up-catalyst-secures-e18m-from-eib-to-scale-sustai...</a>
53	CO2Graphite (Estonia)	EIT RawMaterials - technology overview	<a href="https://www.eit.europa.eu/news-events/success-stories/catalyst-transforming-c-...">https://www.eit.europa.eu/news-events/success-stories/catalyst-transforming-c-...</a>
54	Kolmisoppi (Finland)	Terrafame - Permit REJECTED Dec 2025	<a href="https://www.terrafame.com/newsroom/media-releases/regional-state-administrati...">https://www.terrafame.com/newsroom/media-releases/regional-state-administrati...</a>
54	Kolmisoppi (Finland)	Terrafame - CRMA Strategic status Mar 2025	<a href="https://www.terrafame.com/newsroom/media-releases/the-kolmisoppi-ore-deposit-...">https://www.terrafame.com/newsroom/media-releases/the-kolmisoppi-ore-deposit-...</a>
54	Kolmisoppi (Finland)	Scientific Reports - Lake ecosystem destruction from mining	<a href="https://www.nature.com/articles/s41598-017-11421-8">https://www.nature.com/articles/s41598-017-11421-8</a>
54	Kolmisoppi (Finland)	Wikipedia - Talvivaara mine history	<a href="https://en.wikipedia.org/wiki/Talvivaara_mine">https://en.wikipedia.org/wiki/Talvivaara_mine</a>
54	Kolmisoppi (Finland)	WISE Uranium - Uranium recovery updates	<a href="https://www.wise-uranium.org/upfi.html">https://www.wise-uranium.org/upfi.html</a>
54	Kolmisoppi (Finland)	Terrafame - Environmental permit application	<a href="https://www.terrafame.com/newsroom/news/terrafame-submits-its-environmental-p-...">https://www.terrafame.com/newsroom/news/terrafame-submits-its-environmental-p-...</a>
55	Ageli (France)	EC CRMA Strategic Projects Decision (Mar 2025)	<a href="https://single-market-economy.ec.europa.eu/document/download/e9c90c91-7492-40...">https://single-market-economy.ec.europa.eu/document/download/e9c90c91-7492-40...</a>
56	Lift One (Portugal)	EC CRMA Strategic Projects Decision (Mar 2025)	<a href="https://single-market-economy.ec.europa.eu/document/download/e9c90c91-7492-40...">https://single-market-economy.ec.europa.eu/document/download/e9c90c91-7492-40...</a>
57	BAM4EVER (France)	EC CRMA Strategic Projects Decision (Mar 2025)	<a href="https://single-market-economy.ec.europa.eu/document/download/e9c90c91-7492-40...">https://single-market-economy.ec.europa.eu/document/download/e9c90c91-7492-40...</a>
58	CAREMAG (France)	EC CRMA Strategic Projects Decision (Mar 2025)	<a href="https://single-market-economy.ec.europa.eu/document/download/e9c90c91-7492-40...">https://single-market-economy.ec.europa.eu/document/download/e9c90c91-7492-40...</a>
59	European Strategic Graphite Initiative	EC CRMA Strategic Projects Decision (Mar 2025)	<a href="https://single-market-economy.ec.europa.eu/document/download/e9c90c91-7492-40...">https://single-market-economy.ec.europa.eu/document/download/e9c90c91-7492-40...</a>
INTL-1	Gold Mining in Guyane (Gold'or / Dieu Merci)	Gold'or prosecution (French)	<a href="https://federation-gne.fr/contentieux/le-proces-pour-pollution-de-goldor/">https://federation-gne.fr/contentieux/le-proces-pour-pollution-de-goldor/</a>
INTL-1	Gold Mining in Guyane (Gold'or / Dieu Merci)	Dieu Merci cyanidation plant (French)	<a href="https://federation-gne.fr/contentieux/lusine-de-cyanuration-de-dieu-merci-dau...">https://federation-gne.fr/contentieux/lusine-de-cyanuration-de-dieu-merci-dau...</a>
INTL-1	Gold Mining in Guyane	Mongabay: Illegal gold mining in French Guiana	<a href="https://news.mongabay.com/series/illegal-gold-mining-french-guiana/">https://news.mongabay.com/series/illegal-gold-mining-french-guiana/</a>
INTL-2	Integrated Dumont Nickel Project	Magneto Investments: Dumont Project overview	<a href="https://www.dumontnickel.com/">https://www.dumontnickel.com/</a>
INTL-3	Kobaloni Cobalt Processing Zambia	EUR-Lex: EC Decision 2025/1174 - Non-EU Strategic Projects	<a href="https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32025D1174">https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32025D1174</a>
INTL-3	Kobaloni Cobalt Processing Zambia	Zambia Environmental Management Agency	<a href="https://www.zema.org.zm/">https://www.zema.org.zm/</a>
INTL-3	Kobaloni Cobalt Processing Zambia	Copperbelt University: Environmental impact studies	<a href="https://www.cbu.edu.zm/">https://www.cbu.edu.zm/</a>
INTL-4	Sarytogan Graphite Project	EUR-Lex: EC Decision 2025/1174	<a href="https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32025D1174">https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32025D1174</a>
INTL-4	Sarytogan Graphite Project	Sarytogan Graphite Ltd: Company information	<a href="https://www.sarytogangraphite.com/">https://www.sarytogangraphite.com/</a>
INTL-5	Songwe Hill Rare Earths Malawi	EUR-Lex: EC Decision 2025/1174	<a href="https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32025D1174">https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32025D1174</a>
INTL-5	Songwe Hill Rare Earths Malawi	Mkango Resources: Songwe Hill Project	<a href="https://www.mkango.ca/projects/songwe/">https://www.mkango.ca/projects/songwe/</a>
INTL-5	Songwe Hill Rare Earths Malawi	BHRRC: EU Strategic Projects local realities (Nov 2025)	<a href="https://www.business-humanrights.org/en/from-us/briefings/strategic-projects-...">https://www.business-humanrights.org/en/from-us/briefings/strategic-projects-...</a>
INTL-5	Songwe Hill Rare Earths Malawi	fundsfornGOs: EU Strategic Projects concerns (Nov 2025)	<a href="https://news.fundsforngos.org/2025/11/18/eu-strategic-mineral-projects-unpack...">https://news.fundsforngos.org/2025/11/18/eu-strategic-mineral-projects-unpack...</a>
INTL-6	Tungsten West UK	EUR-Lex: EC Decision 2025/1174	<a href="https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32025D1174">https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32025D1174</a>
INTL-6	Tungsten West UK	Tungsten West PLC: Company website	<a href="https://www.tungstenwest.com/">https://www.tungstenwest.com/</a>
INTL-6	Tungsten West UK	UK Environment Agency: Mining permits	<a href="https://www.gov.uk/government/organisations/environment-agency">https://www.gov.uk/government/organisations/environment-agency</a>
INTL-7	Zandkopsdrift REE/Manganese	EUR-Lex: EC Decision 2025/1174	<a href="https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32025D1174">https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32025D1174</a>
INTL-7	Zandkopsdrift REE/Manganese	Frontier Rare Earths: Zandkopsdrift Project	<a href="https://www.frontierrareearths.com/">https://www.frontierrareearths.com/</a>
INTL-7	Zandkopsdrift REE/Manganese	South Africa Dept Water and Sanitation	<a href="https://www.dws.gov.za/">https://www.dws.gov.za/</a>
INTL-8	CaledoNi Nickel Processing	EUR-Lex: EC Decision 2025/1174	<a href="https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32025D1174">https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32025D1174</a>
INTL-8	CaledoNi Nickel Processing	Société Le Nickel: Company website	<a href="https://www.sln.nc/">https://www.sln.nc/</a>

Project ID	Project Name	Source Description	URL
INTL-8	CaledoNi Nickel Processing	UNESCO: New Caledonia Lagoons World Heritage	<a href="https://whc.unesco.org/en/list/1115">https://whc.unesco.org/en/list/1115</a>
INTL-8	CaledoNi Nickel Processing	FLNKS (Kanak Independence): Indigenous rights	<a href="https://flnks.nc/">https://flnks.nc/</a>
INTL-9	Sigma Lithium Grota do Cirilo	EUR-Lex: EC Decision 2025/1174	<a href="https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32025D1174">https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32025D1174</a>
INTL-9	Sigma Lithium Grota do Cirilo	Sigma Lithium: Grota do Cirilo Project	<a href="https://www.sigmalithium.com/">https://www.sigmalithium.com/</a>
INTL-9	Sigma Lithium Grota do Cirilo	IBAMA: Brazilian environmental licensing	<a href="https://www.gov.br/ibama/">https://www.gov.br/ibama/</a>
INTL-9	Sigma Lithium Grota do Cirilo	SOS Mata Atlântica: Atlantic Forest conservation	<a href="https://www.sosma.org.br/">https://www.sosma.org.br/</a>
INTL-10	Molo Graphite Project Madagascar	EUR-Lex: EC Decision 2025/1174	<a href="https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32025D1174">https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32025D1174</a>
INTL-10	Molo Graphite Project Madagascar	NextSource Materials: Molo Project	<a href="https://www.nextsourcematerials.com/">https://www.nextsourcematerials.com/</a>
INTL-10	Molo Graphite Project Madagascar	BHRRC: Madagascar Maniry project concerns	<a href="https://www.business-humanrights.org/en/from-us/briefings/strategic-projects-...">https://www.business-humanrights.org/en/from-us/briefings/strategic-projects-...</a>
INTL-10	Molo Graphite Project Madagascar	fundsforNGOs: Madagascar displacement and water concerns	<a href="https://news.fundsforngos.org/2025/11/18/eu-strategic-mineral-projects-unpack...">https://news.fundsforngos.org/2025/11/18/eu-strategic-mineral-projects-unpack...</a>
INTL-10	Molo Graphite Project Madagascar	Conservation International: Madagascar biodiversity	<a href="https://www.conservation.org/places/madagascar">https://www.conservation.org/places/madagascar</a>
	GENERAL - WFD/Mining Policy	EEB: RESourceEU - Militarised mineral strategy risks (Dec 2025)	<a href="https://eeb.org/en/resourceeu/">https://eeb.org/en/resourceeu/</a>
	GENERAL - WFD/Mining Policy	Living Rivers Europe/EEB: WFD revision reckless move (Dec 2025)	<a href="https://eeb.org/en/reckless-move-risks-derailing-water-protections/">https://eeb.org/en/reckless-move-risks-derailing-water-protections/</a>
	GENERAL - WFD/Mining Policy	EEB: Briefing - Water Framework Directive & solving EU water crisis (Nov 2025)	<a href="https://eeb.org/library/briefing-the-water-framework-directive-the-forgotten-...">https://eeb.org/library/briefing-the-water-framework-directive-the-forgotten-...</a>
	GENERAL - WFD/Mining Policy	FoE Europe: Risks of fast-tracking mining under CRMA - Position Paper (Dec 2024)	<a href="https://friendsoftheearth.eu/wp-content/uploads/2024/12/Strategic-Projects-Po...">https://friendsoftheearth.eu/wp-content/uploads/2024/12/Strategic-Projects-Po...</a>
	GENERAL - WFD/Mining Policy	FoE Europe: Main publication page - Strategic Projects factsheets	<a href="https://friendsoftheearth.eu/publication/the-risks-of-fast-tracking-mining-pr...">https://friendsoftheearth.eu/publication/the-risks-of-fast-tracking-mining-pr...</a>
	GENERAL - Non-EU CRMA Strategic Projects	EC: Selected strategic projects official list	<a href="https://single-market-economy.ec.europa.eu/sectors/raw-materials/areas-specif...">https://single-market-economy.ec.europa.eu/sectors/raw-materials/areas-specif...</a>
	GENERAL - Non-EU CRMA Strategic Projects	EUR-Lex: EC Decision 2025/1174 (13 Non-EU projects)	<a href="https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32025D1174">https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32025D1174</a>
	GENERAL - Non-EU CRMA Strategic Projects	BHRRC: Strategic Projects local realities (Nov 2025)	<a href="https://www.business-humanrights.org/en/from-us/briefings/strategic-projects-...">https://www.business-humanrights.org/en/from-us/briefings/strategic-projects-...</a>
	GENERAL - Non-EU CRMA Strategic Projects	Benchmark Minerals: EU 13 global projects (Jun 2025)	<a href="https://source.benchmarkminerals.com/article/eu-identifies-13-global-critical...">https://source.benchmarkminerals.com/article/eu-identifies-13-global-critical...</a>
	GENERAL - Non-EU CRMA Strategic Projects	EC: Official list of Strategic Projects under CRMA	<a href="https://single-market-economy.ec.europa.eu/sectors/raw-materials/areas-specif...">https://single-market-economy.ec.europa.eu/sectors/raw-materials/areas-specif...</a>
	GENERAL - Non-EU CRMA Strategic Projects	IEA: Strategic Projects of the CRMA	<a href="https://www.iea.org/policies/26758-strategic-projects-of-the-crma">https://www.iea.org/policies/26758-strategic-projects-of-the-crma</a>
	GENERAL - Non-EU CRMA Strategic Projects	Mining South East Europe: Europe's Critical Minerals Strategy (2026)	<a href="https://www.miningsee.eu/europes-critical-minerals-strategy-reshaping-the-ind...">https://www.miningsee.eu/europes-critical-minerals-strategy-reshaping-the-ind...</a>