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ERA-MIN: A DECADE SINCE THE INCEPTION OF THE EU LED EFFORT TO SUPPORT THE INTERNATIONAL RAW MATERIALS RESEARCH COMMUNITY

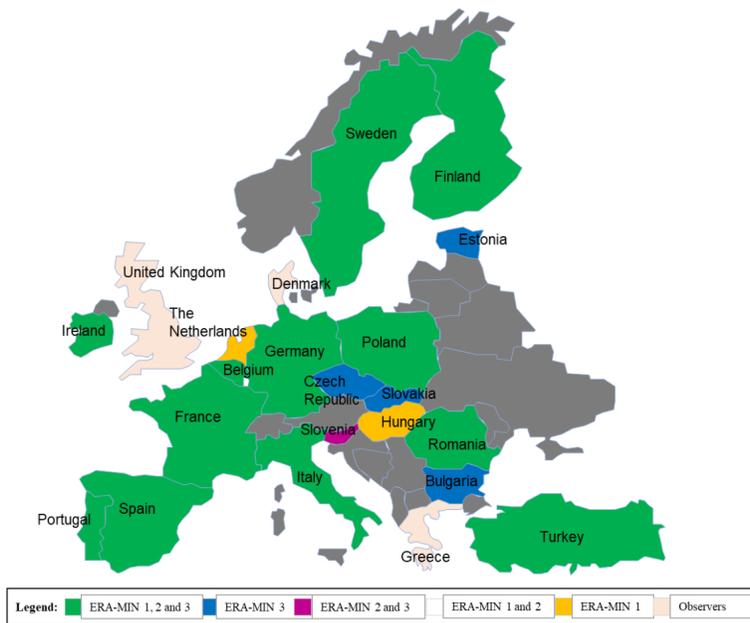
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INTRODUCTION

ERA-MIN is one of the many **Public-Public Partnerships (P2Ps)** in research and innovation that aims to establish **networks of public research funding organizations** (ministries, funding agencies, programme managers) from interested EU countries/regions and beyond, that join forces to **support research activities** under an agreed vision or a common research and innovation agenda. P2Ps include partnerships supported by the European Commission such as ERA-NETs and Art 185s as well as Member State-led initiatives, the Joint Programming Initiatives. The **ERA-NET Cofund** instrument under Horizon 2020 aims at implementing one substantial call with top-up funding from the Commission. Both **ERA-MIN 2 and ERA-MIN3** correspond to the ERA-NET Cofund scheme type, aiming to continue strengthening the mineral raw materials community through the coordination of research and innovation programmes on **non-fuel and non-food raw materials** (metallic, construction, and industrial minerals).



ERA-MIN3 (2020-2025), started officially on 1 December 2020, is a global, innovative and flexible pan-European network of 24 research funding organisations from **15 EU MS countries, 3 EU MS regions, 1 Associated country and 2 non-EU countries**, supported by EU Horizon 2020 under the ERA-NET Cofund scheme. At least two Joint Transnational Calls (JTCs) for transnational R&I proposals to support peer-reviewed excellent transnational R&I projects on non-fuel and non-food raw materials will be launched.



The **EU Co-funded ERA-MIN Joint Call 2021** is the first joint call of the ERA-NET Cofund ERA-MIN3, officially launched on the 15th of January, 2021, which counts with an indicative budget of **€19.5 Million**. In terms of pre-proposal submission, it has been the most successful call of ERA-MIN, with 146 pre-proposals submitted by deadline and 892 applicants participating. A **second JTC** for transnational R&I proposals is **planned in 2023** supported with national and regional funds.



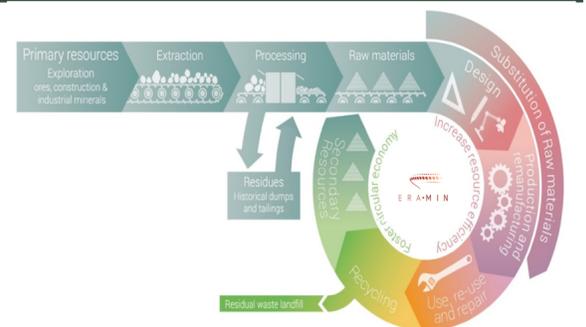
ERA-MIN (2011-2015) was an ERA-NET, supported by FP7, on the "Industrial Handling of Raw Materials for European industries" that was launched in November 2011. ERA-MIN consortium consisted in **15 EU countries and two non-EU countries** (Argentina and South Africa). **Three JTCs** were launched under ERA-NET ERA-MIN from 2013 to 2015, one per year. A total of **17 multidisciplinary projects** were funded under these three JTC, with a **public funding of €13 million** (€19 million of total projects costs).



ERA-MIN 2 (2016-2022) is an ERA-NET Cofund P2P project co-funded under H2020 on "Research & Innovation Programme on Raw Materials to Foster Circular Economy". The ERA-MIN 2 consortium consists of 21 funding organisations from **18 countries/regions** (13 EU MS countries/regions, one Associated country, and four non-EU countries). **Three JTCs** have been launched under ERA-MIN 2: one co-funded call in 2017 and two additional calls in 2018 and in 2019. A total of **40 multidisciplinary projects** were funded under the ERA-MIN 2 calls, with **€29 million of public funding** (€41 million of total projects costs).

THE EU RAW MATERIALS POLICY CONTEXT

The importance of raw materials (RM) and its related key enabling technologies are essential for Europe's and the World's industrial future. ERA-MIN addresses all parts of the raw materials values chain defined in the EC Communication Circular Economy, and the Circular Economy, Closing the loop. "An ambitious EU Circular Economy Package". ERA-MIN is a member of the **High-level Steering Group of the EIP RM** and takes very careful consideration of the **EIP RM recommendations** for the establishment of the priorities of its calls for proposals.



THE CONTINUATION TOWARDS A EUROPEAN PARTNERSHIP

As a continuation of the ERA-NETs, the new policy approach on European Partnerships and the rationalisation and reform of the partnership landscape that started in 2019 mark the change from Horizon 2020 to Horizon Europe. Having started in 2020, the transition to the European Partnerships scheme in the raw materials sector will take place from 2025 onwards. ERA-MIN3's funded R&I projects for the first co-funded call are planned to start in May 2022 and will run until mid-2025. The second call, expected for 2023, will **bridge the end of the ERA-MIN network** as we know it, **with its new embodiment into the European Partnerships** with its continued goals to support the circularity, sustainability and leadership of the European and worldwide non-fuel, non-food raw materials sector.

