



International Raw Materials Observatory

# CIRAN: Reconciling diverging societal needs and expectations

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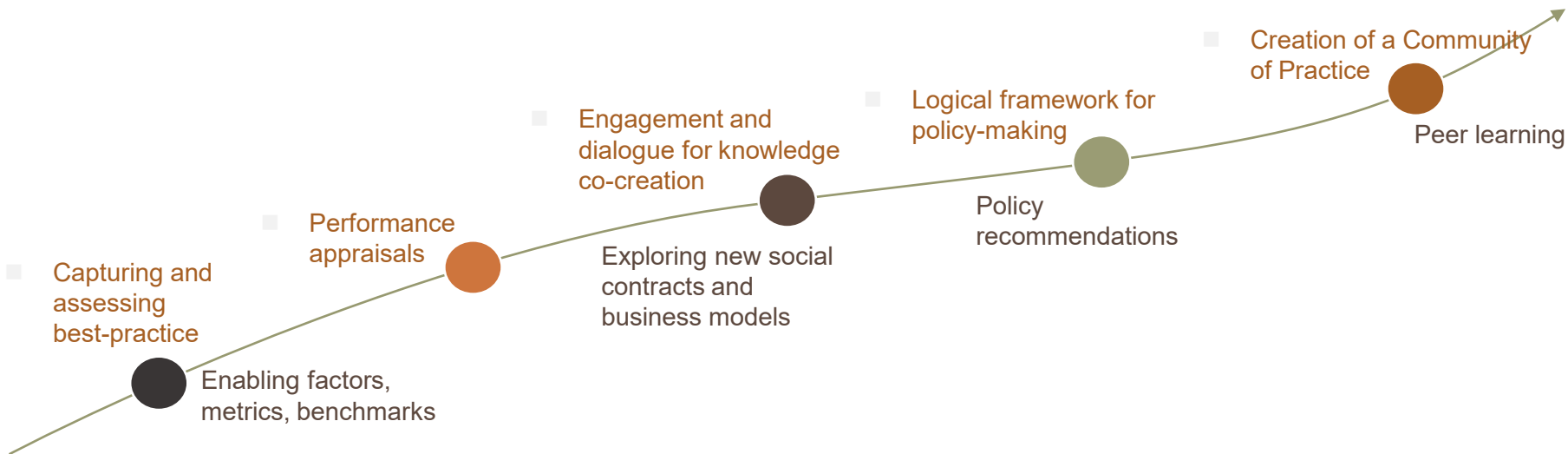
Credits: S. Henley

System-oriented approach

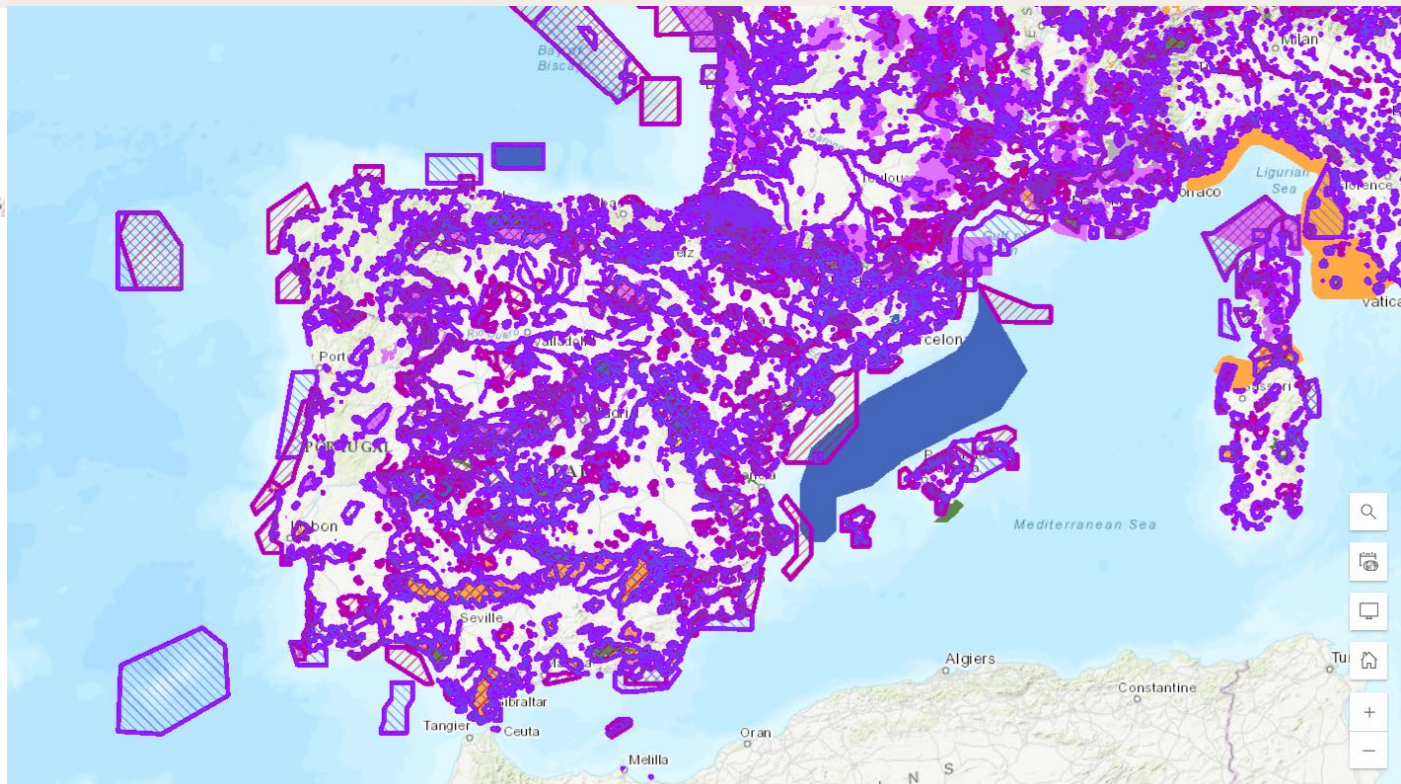
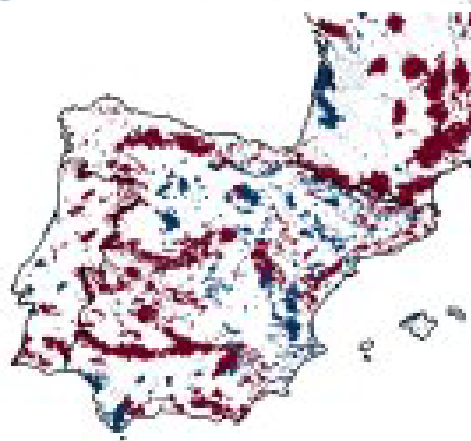
Social-oriented approach

Cross-sectoral approach

Capacity building



- Protected areas (PAs)
- PAs within 5000 m of occurrences
  - PAs not within 5000 m of occurrences



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## Stakeholders' views

- **Environmental** interest groups and **NGOs** highlight the adverse environmental effects of mining, advocating for sustainability, environmental justice, and protection of the environment.
- Local and national **politicians** prioritise economic competitiveness, innovation, security, geopolitical concerns, and the environmental impacts of raw materials extraction.
- **Communities'** narratives reflect their concerns and values, focusing on economic opportunities, health and social impacts, land use and rights, as well as transparency and public participation.

## Patterns

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- The distance of the stakeholder to the planned mine site directly influences the degree of its rejection or acceptance.
- Environmental groups find themselves trapped in contradictions: advocating decarbonisation, while opposing mining and rejecting global south extractivism, yet also resisting domestic mining.
- Politicians often exploit communities' fear of change for their own gain in the political arena.
- Rural populations express disillusionment with the trajectory of Europe's development.



## Public consultations: exploring new social contracts



## Exploring new business models

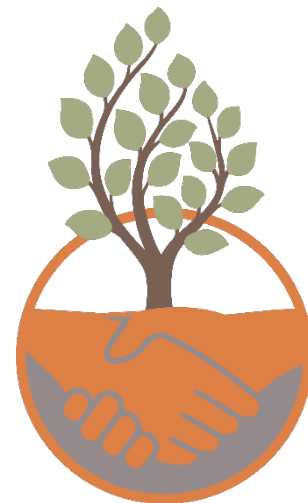


Rolls-Royce aims to manage supply risk through increased efficiency and material stewardship — such as retaining the materials in closed-loop supply chains using a variety of options for material flow management, chiefly the Revert programme. In this programme, wastes are returned to the alloy supplier for reprocessing in aerospace-grade material. In return, Rolls-Royce receives clean alloys at a discounted rate. The discount is greater than the scrap value of the waste on the open market. This is economically beneficial for both parties.

For more insights follow [ciranproject.eu](https://ciranproject.eu)

Thank you for your attention

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