

RESEARCH & INNOVATION PROGRAMME ON RAW MATERIALS TO FOSTER CIRCULAR ECONOMY

## Li+WATER:

Membrane electrolysis for resource-efficient lithium and water recovery from brines

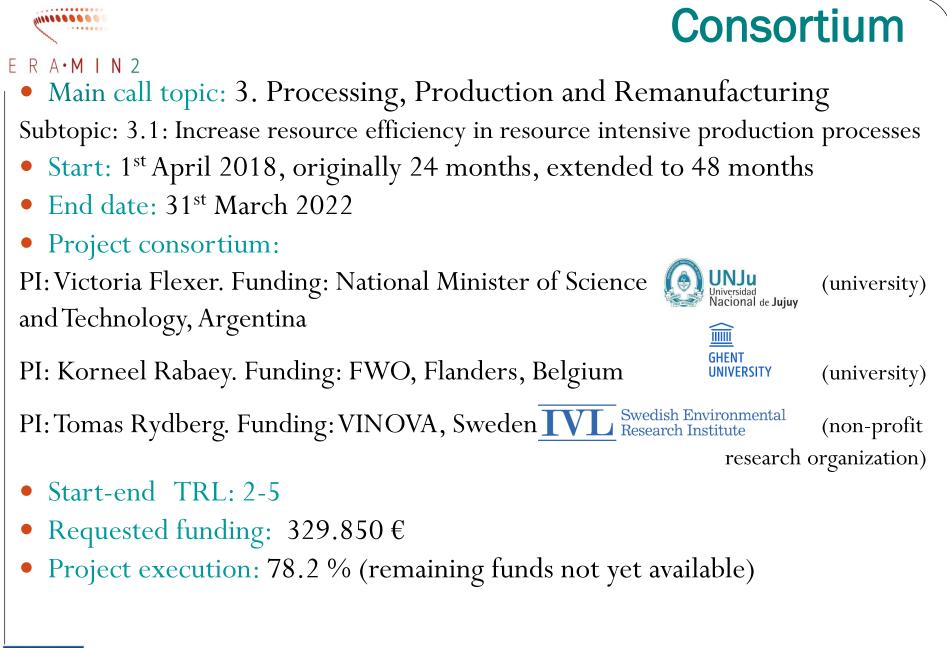
> Victoria Flexer (Project coordinator, Universidad Nacional de Jujuy, Argentina)

ERA-MIN 2 Final Conference and Final Seminar of Call 2017 projects 18-19<sup>th</sup> November 2021



Co-funded by the Horizon 2020 programme of the European Union



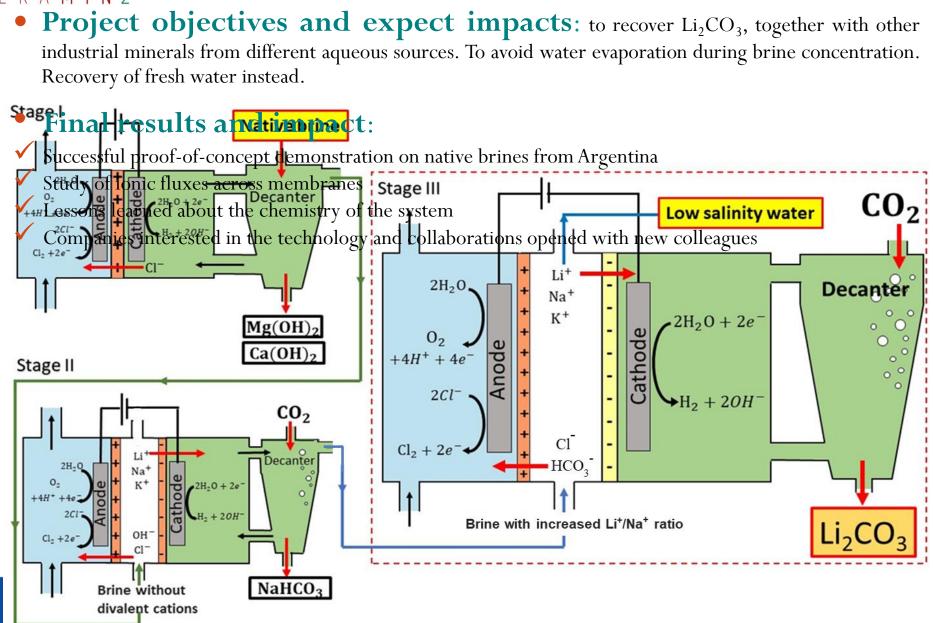


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#### ERA·MIN2





#### E R A·M I N 2

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### • Outputs

✓ 1 patent application submitted, Application number 62781452 (17-12-2019)
✓ 4 peer-review articles:

Bonin *et al.*, Separation and Purification Technology, 2021, 275, 119177
Diaz Nieto *et al.*, Separation and Purification Technology, 2020, 252, 117410
Torres *et al.*, Journal of Membrane Science, 2020, 615,118416
Diaz Nieto *et al.* Water Research, 2019, 154, 117
4 manuscripts currently under preparation
✓ ~ 12 Academic conference presentations

- Communication and dissemination activities:
- ✓ Several invitations to meetings with the Argentinean government
- ✓ Several meetings with mining companies
- $\checkmark$  2 dissemination activities for the general public







## Impact

### E R A·M I N 2 • Lessons learnt (i.e. impact of COVID-19): get vaccinated!

- Lessons learnt: Different funding agencies have different requirements regarding the project, different timing for funding. ERA-MIN2 puts pressure on researchers and not on funding agencies.
- Have you cooperated with policymakers during the lifetime of the project? Several meetings with Argentinean government (still ongoing)
- Have the results been implemented by the industry to some extent? Ongoing pilot scale (new) project with 2 industry partners





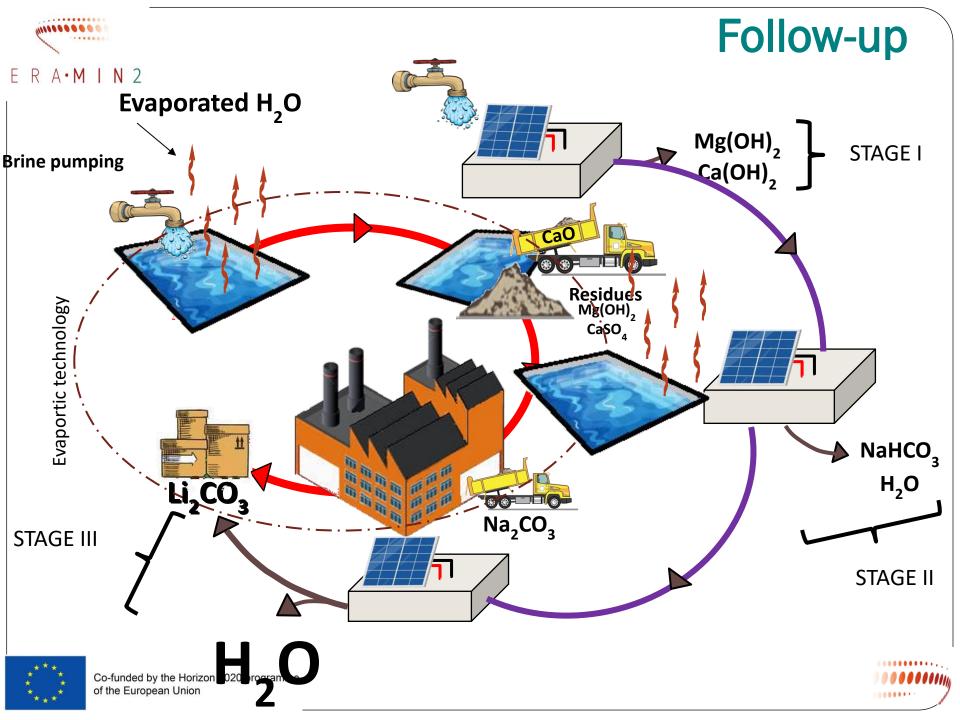
# Impact

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- Have the results contributed to white papers, regulations or standards? **NO**
- What's the biggest impact that the project has produced in the regions/countries of consortium partners? New prospective technology available in the medium term.









# **Follow-up**

#### E R A·M I N 2

• How will the research results of the project be utilised?

Currently ongoing pilot project

• Will the cooperation continue after the end of this project?

Depends on the funding available....

