

LIFE AGREMSO₃IL

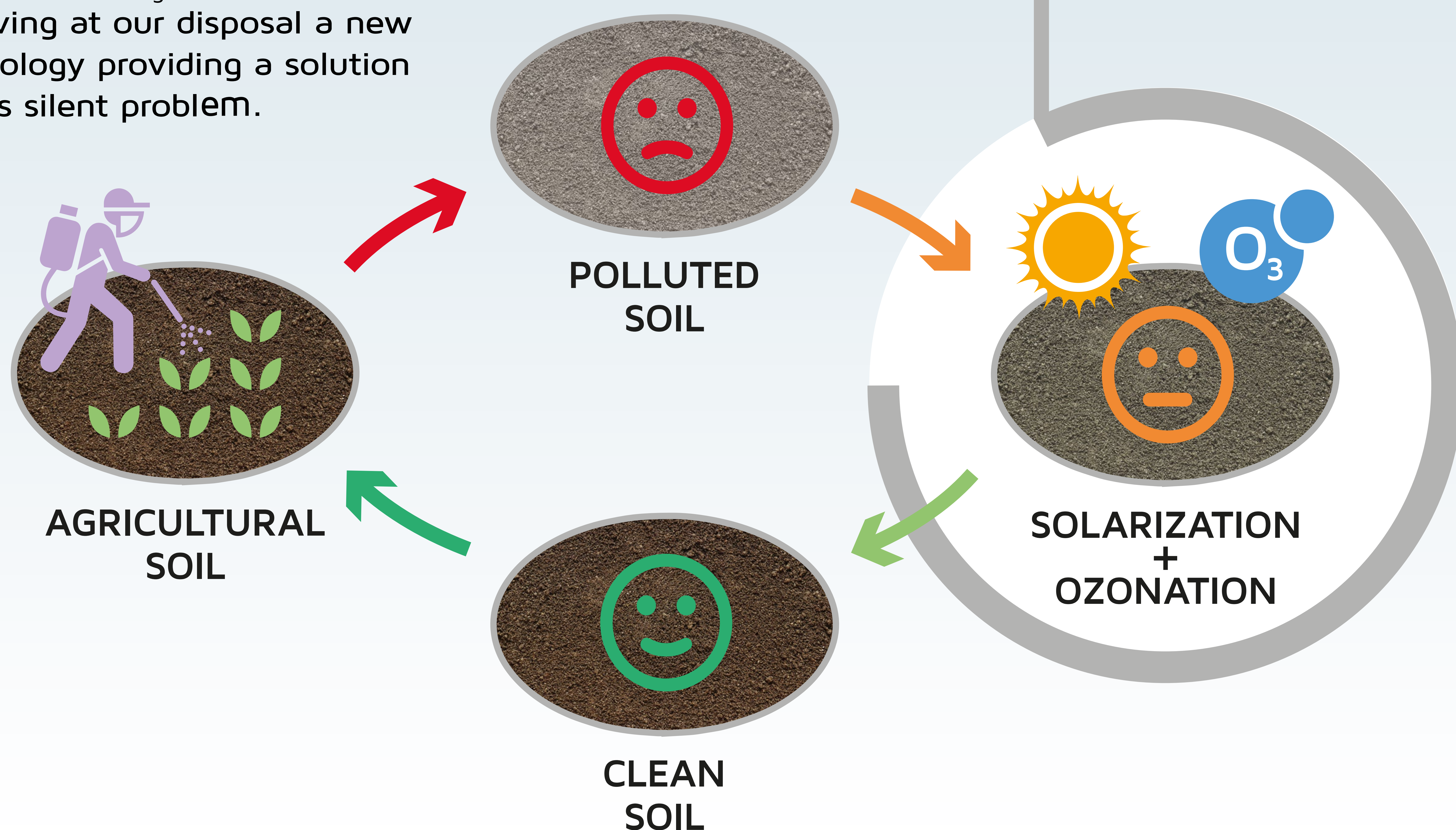
Developing and tuning, at farm scale, a new technology for the agrochemical remediation of farm soils by combining solarization and ozonation in situ

About the project

LIFE AgRemSO₃il is a European project to be implemented in Murcia, Spain, and it has been funded by the European Commission under the LIFE programme.

The pilot project, LIFE AgRemSO₃il, aims at developing and tuning a new technology to procure a solution to a highly significant environmental problem, which is the occurrence of pesticides in soils, that currently has no remediation solution at full-scale.

LIFE AgRemSO₃il offers the possibility of having at our disposal a new technology providing a solution to this silent problem.



Why solarization and ozonation?

The AgRemSO₃il System is a combination of the following techniques:

Solarization is based on the placement of a transparent plastic on the soil during the summer months, when temperature and light radiation are more intense.

Ozonation generates hydroxyl radicals to attack and destroy any organic molecules to CO₂, H₂O and mineral salts.



www.life-agremsoil.eu

Expected impacts

- Remediation of polluted soils, with pesticides accumulated for years, with an innovative technology.
- No additional costs for using the technology for other crops and/or pollutants.
- Know-how transfer from the EU to other regions of the world, in which the EU will have an international leading role.
- Innovation in supporting the bio-based economy.
- Food quality and food safety throughout Europe.

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