

Phos4Life® CHALLENGES



Strategic & Geopolitical

Phosphate rock and elemental phosphorus are found in the list of Critical Raw Materials.



Environmental

95% of P used within EU is lost: impacts directly on soil and water quality.



Regulatory

P recovery legislation is spreading all over EU and new regulations on fertilizers place critical limits on impurities.



Phos4life

ECOFRIENDLY RECOVERY

BUILDING A SUSTAINABLE FUTURE

We are one of the world leaders in the engineering and construction in the energy sector firmly committed to the energy transition.

FOCUSED ON TECHNOLOGY AND INNOVATION

Our solid and proven experience in technology and innovation allows us to meet today's needs and anticipate tomorrow's challenges.



TECNICAS REUNIDAS

JOSE LLADÓ TECHNOLOGY CENTRE
PROPRIETARY TECHNOLOGY DEVELOPMENT DIVISION

Pol. Ind. San Fernando de Henares
28830, San Fernando de Henares,
Madrid - España
+34 91 592 03 00
ptdd@tecnicasreunidas.es



Phos4life

ECOFRIENDLY RECOVERY

Your solution
for sustainable and circular
phosphorus management.



TECNICAS REUNIDAS



track
TECNICAS REUNIDAS

Phos4Life® is your solution and Técnicas Reunidas your technology partner.

P4L technology is a process that allows the recovery of phosphorus in the form of technical grade phosphoric acid from secondary sources such as sewage sludge ash (SSA).



We offer:

Technology Package:

- License.
- Basic Engineering Design.
- Proprietary Equipment.
- Process and Operation guarantee.

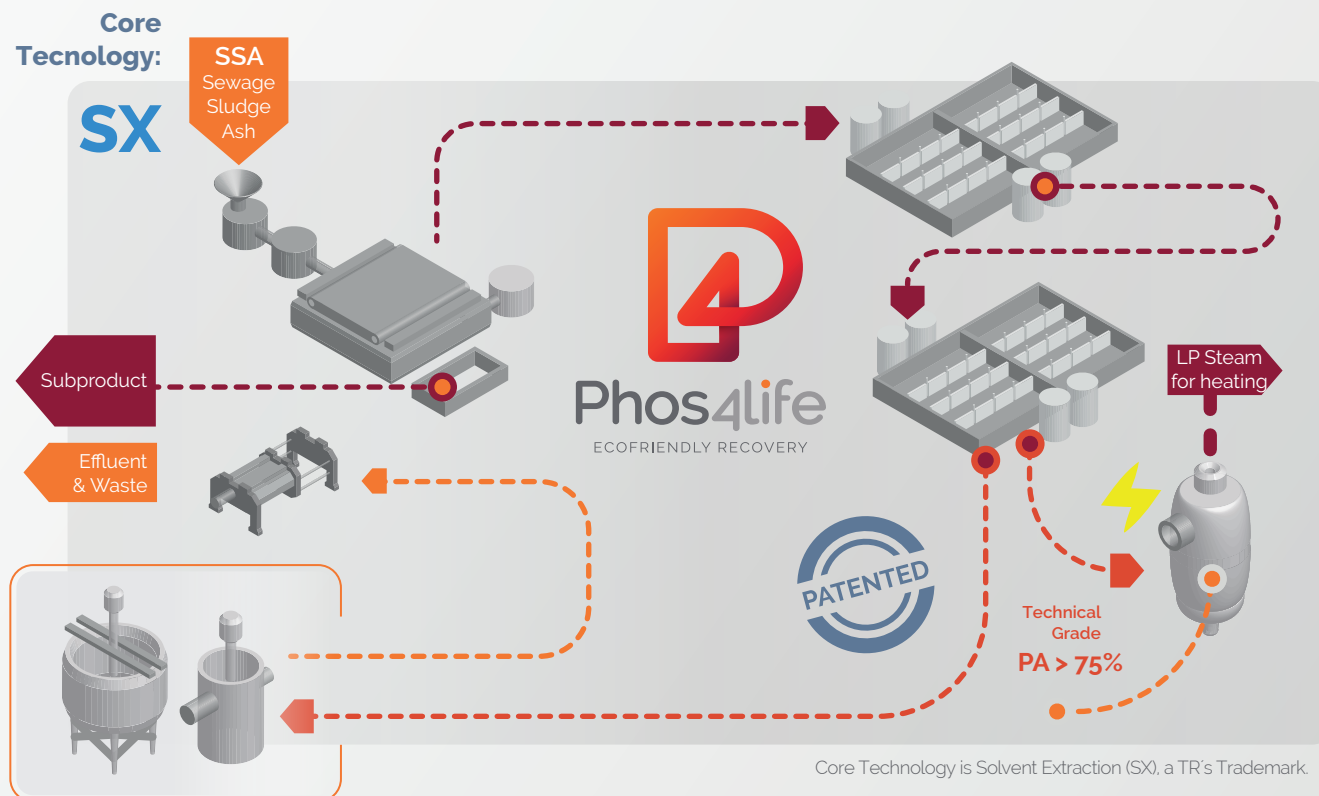
EPC (Complete value chain of an industrial project):

- Engineering.
- Procurement.
- Construction.



P4L Value proposition:

- Proven Technology.
- High Efficiency.
- Reliable process sale up.
- Guaranteed product quality.
- Own patent family.
- Flexibility process on raw materials.
- Soft operational conditions selective without product degradation.
- Accomplish with EU regulations fertilizers impurity limit and recovery rate from sewage sludge.



Core Technology is Solvent Extraction (SX), a TR's Trademark.