

The GEAPOW technology platform

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Promoting the Seed Business
in the Americas

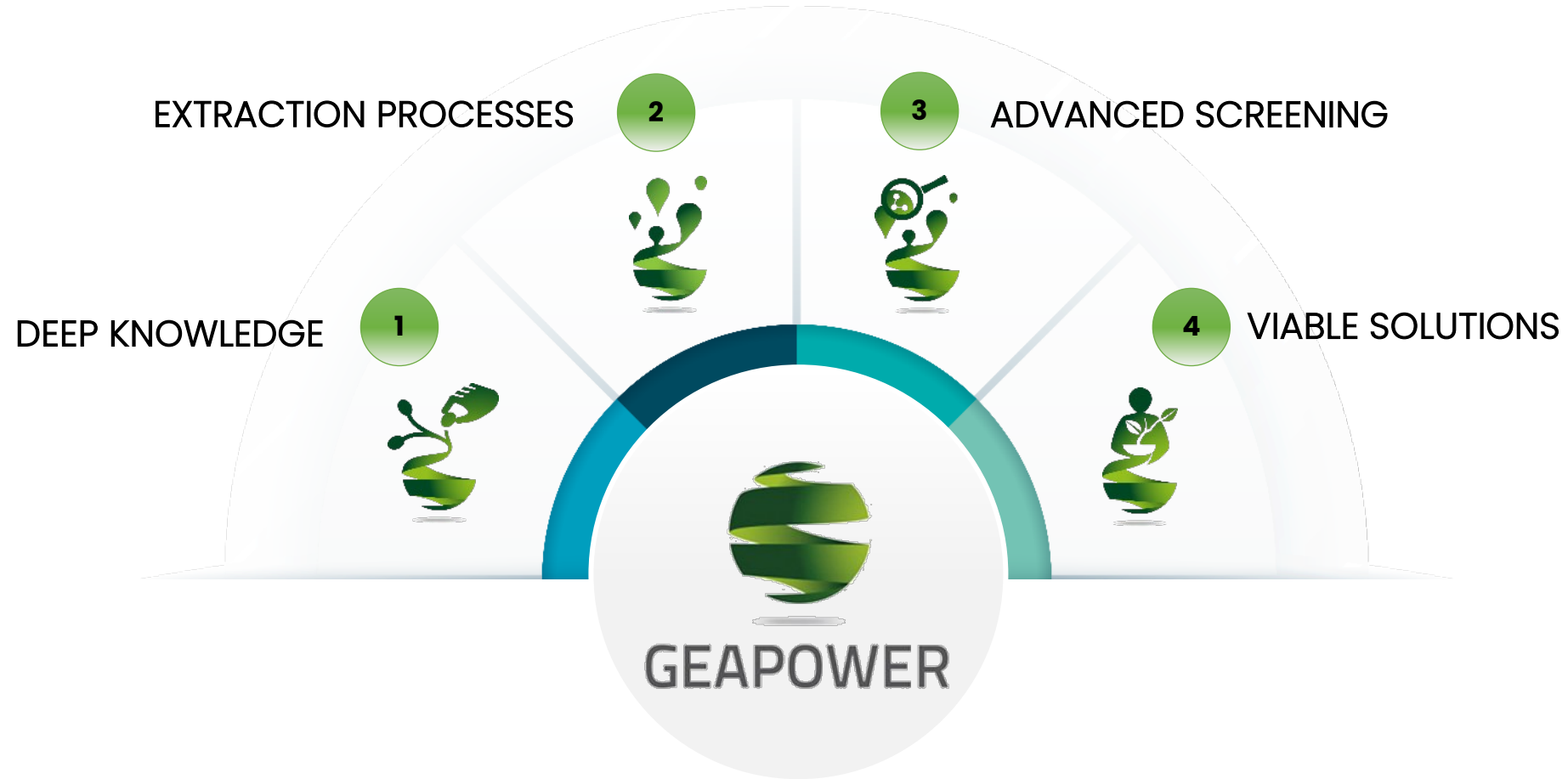


What Geapower[®] is?

- Geapower[®] is a unique proprietary R&D technology platform to discover, characterize, and deliver effective biostimulant solutions.



The pillars of Geapower®



Deep knowledge of active ingredients and biological sources to identify, characterize and preserve specific active ingredients that can achieve targeted physiological responses in plants

DEEP KNOWLEDGE

1



Proprietary extraction processes by multiple biological sources that help maintain the correct ratio of each ingredient in complex natural mixtures

EXTRACTION PROCESSES

2



ALGAE: technology from the fjord to the farm



Advanced screening and investigation technologies; genomics, phenomics and other integrated “omics” sciences allow us to decipher the molecular and physiological triggers for specific responses in plant and soil systems; then screening of hundreds of samples per experiment to dive into the performance of bioactive substances and prototypes are conducted;

3 ADVANCED SCREENING



Geapower[®] has a home: the Atessa Research Center

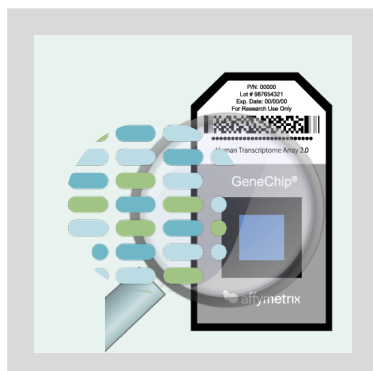


Different “omics” sciences

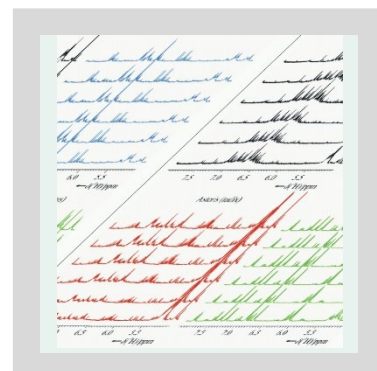
The **Geapower® platform** characterises the components so that we can manage them to provide our Biostimulants with the targeted functions.



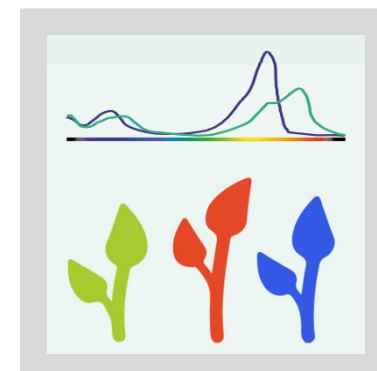
GENOMICS



TRANSCRIPTOMICS



METABOLOMICS



PHENOMICS

Exact knowledge of the effect of products in plants

Proven ability to provide commercially viable solutions through extensive experience with field experiments.

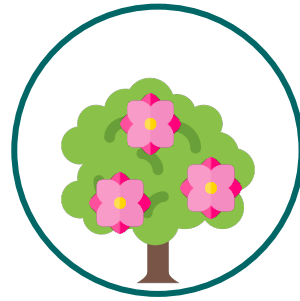
4 VIABLE SOLUTIONS



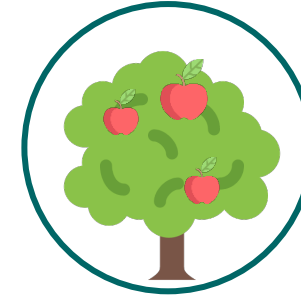
Different needs in different stages of plant cycle



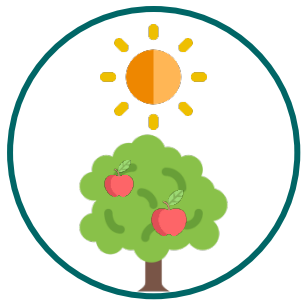
Germination & emergence



Flowering



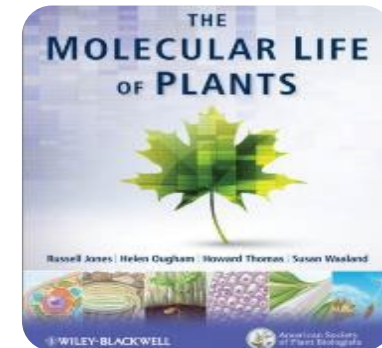
Fruit / grain set



Growth & development



Metabolytes mobilization



Products built for specific needs

- Each solution derives from a specific GeaPower® project
- Megafol - GEA 931 – stress response mitigation
- Talete - GEA 947 – water uptake optimization
- Which signifies how the individual components of the biostimulant have been “assembled” to regulate those genes in the plant responsible for specific metabolic pathways and physiological processes (rooting, flowering and fruit set, water efficiency, stress resistance etc.).

Field development

51



countries worldwide

106

sites and offices



Over

\$800m

spent per year on CP R&D



Over
2,500

employees globally



40%



of our employees are female

More than

70

different nationalities

