Kitosono

High-quality Chitosans from Crayfish waste

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 The lack of high-quality chitosans is hampering innovation is emerging key industries

Chitosan and derivatives are found n

- wound healing dressings
- orthopaedic scaffolds
- nerve regrowth and protection tubes
- Dental / bracket protection coatings
- O ...

- Bio-degradable solutions are needed for plastic ban
- Chitosan based materials are promising alternatives to plastics (e.g. food packaging foils

EU's dependency from a critical raw material

- Chitosan is mostly produced in South East Asia
- no EU manufacturer covering the whole process chain

 Illegal crayfish waste disposal risks at creating severe environmental problems at the outskirts of the Doñana National Park



The Solution

- OKitoSano aims at producing bio-based, high-end chitosan in economic competitive and eco-friendly way.
- The production will be Andalusia, one of Europe's region with the highest unemployment rate

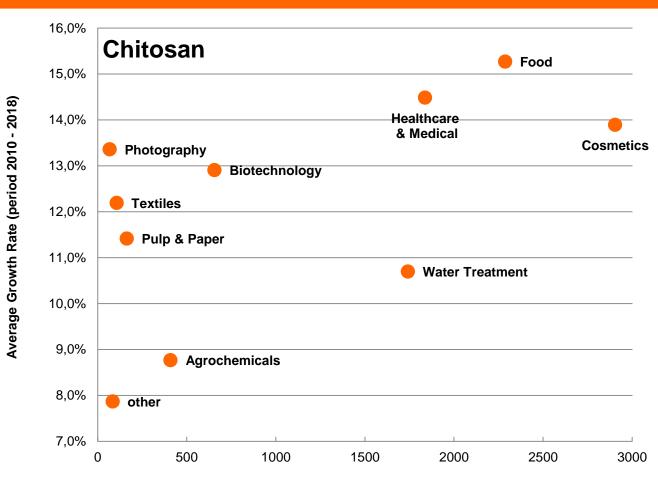
The value proposal





The Market

- World: market for Chitosan \$2000 million in 2015, two digit annual growth rates over the past five years
- Europe: 10.6% of the global production or 3896 metric tons
- food, healthcare & medical and cosmetics are the sectors with the highest growth rates



The Project

OPhase 1: R&D

completed

OPhase 2: Scale-Up

In progress

OPhase 3: Production

• Under planning

What we are looking for



Unicorn

Purpose: Exponential growth

Outcome: Monopoly

Focus: Quantity

Method: Competition

Measure: User acquisition



Zebra

Purpose: Sustainable prosperity

Outcome: Community

Focus: Quality

Method: Collaboration

Measure: User success

Thank you for you attention

