



SUSTAINABLE DEVELOPMENT THROUGH
INNOVATION AND CIRCULAR ECONOMY

*Innovative waste-based products
developed through patented technology
by
ATLAS AGRO SCIENCE*

THE PROBLEM

- ◆ soils and ground water pollution from waste disposal in nature
- ◆ mineral fertilizers overusage in farming, floriculture and landscaping
- ◆ chemically infused food chains
- ◆ increased health risk for humans' wellbeing and environment
- ◆ contaminated and destroyed soil structure and properties

ATLAS SOLUTION

- ◆ uses the waste, a.k.a. sludge, from Waste Water Treatment Plants as resource
- ◆ cuts the need for usage of mineral fertilizers by up to 40%
- ◆ increases yields for farmers by up to 15%
- ◆ substitute chemically infused harvest with healthier and safer food
- ◆ in full compliance with EU regulations and “Green Deal” goals

ATLAS PRODUCTS



FROM



THROUGH



TO

ATLAS TECHNOLOGY

- ◆ waste-free production technology based on circular economy principles
- ◆ chemical-free production
- ◆ sustainable
- ◆ resource - efficient
- ◆ 100% safe for the environment and people

CLIMAT IMPACT

ATLAS cares about the environment, it cares about the people!

In order to produce a socially responsible product and lead the way to greener future at ATLAS AGRO SCIENCE we have focused on:

- ◆ minimizing carbon footprint
- ◆ becoming carbon-neutral by 2030
- ◆ development of waste-free technology reducing direct GHG emissions
- ◆ aiming to eliminate mineral fertilizers usage and decrease indirect GHG emissions
- ◆ effectively increase plant adaptation towards climate changes

RESULTS WITH ATLAS

BEFORE



AFTER



BEFORE



AFTER



ATLAS ACHIEVEMENTS



*ATLAS AGRO SCIENCE
production prototype*

- ◆ Bulgaria's AGRO INNOVATION of the year
- ◆ Prototype production line
- ◆ Patent-pending technology and utility model
- ◆ Funding from EIT Climate-KIC Accelerator Program
- ◆ EIT FOOD INNOVATION PRIZE WINNER
/local finals/
- ◆ EIT FOOD INNOVATION PRIZE International
finalis
- ◆ 100+ decared treated with ATLAS products by
pilot farmers
- ◆ Partner of CLEANTECH Bulgaria



Climate-KIC



CLEANTECH
BULGARIA



Food



This activity has received funding from EIT Food, the innovation community on Food of the European Institute of Innovation and Technology (EIT), a body of the EU, under the Horizon 2020, the EU Framework Programme for Research and Innovation

IN PARTNERSHIP WITH

- ◆ Great example of technological transffer
- ◆ In close partnership as key purchasing account STARA ZAGORA MUNICIPALITY
- ◆ Main developing partner TRAKIA UNIVERSITY STARA ZAGORA
- ◆ Lead supplier of raw materials REGIONAL WATER COMPANY STARA ZAGORA
- ◆ Working towards transforming our community and future towards greener and safer environment for all



STARA ZAGORA
MUNICIPALITY



Lets **TOGETHER** be the small step
TOWARDS the leap to a
GREENER FUTURE

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