

European Business & Nature Summit

GS6 — Boosting sustainability innovation through biodiversity

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7 & 8 November 2019

#BusinessNatureSummit



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Mr David Alvarez

CEO, Ecoacsa



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Ms Rodrigo Fernández-Mellado

Director, Biodiversity Node

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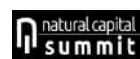
Building actions for nature & people

#EUbiodiversity
#BusinessNatureSummit

Madrid, 7 & 8 November 2019



Organisers



Collaborators



Funders



European Business & Nature Summit

Baydiversity project

Biodiversity and Agriculture “Connected to Life, Connected to the Future”



In association with:



BAYDIVERSITY

Laura Fernández Agustín, Bayer CropScience S.L. (Spain)

Rodrigo Fernández-Mellado, Biodiversity Node S.L. (Spain)

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SUSTAINABILITY AND INNOVATION FOR BAYER



Biodiversity, climate change and food security are key challenges to humankind, and sustainable agriculture plays a key role to provide solutions¹.

We will link **Sustainability** to the core of our **business and R&D/technologies**

We will **create value transparently** to balance farmer's needs with societal expectations



REDUCING ENVIRONMENTAL IMPACT THROUGH BAYER INNOVATIONS

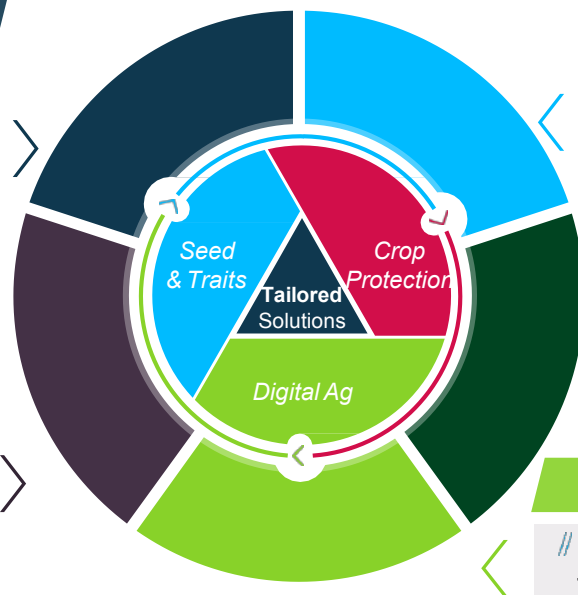


Crop Protection Innovation

- // New active ingredients (a.i.'s) with lower environmental profile (incl. biologics).
- // Improved formulations with reduced dose rate and/or a.i. concentration.
- // Application technology advances (e.g. on-seed, drip) reducing amount of a.i.

Crop Protection Stewardship

- // Reduce environmental impact (e.g. run-off, soil erosion, drift) by promoting and implementing stewardship measures.



Seed & Trait Innovation

- // Inbred resistance / tolerance and biotech eliminating or reducing the need for CP usage.

Digital Innovation

- // Precision application empowered by granular field data combined with volume reduction

Integrated Crop Management

- // Certain practices contribute to reduce the environmental impact



BAYER INNOVATIONS IN PRACTICE



Crop Protection Stewardship



Digital Innovation

Seed & Trait Innovation



NEW VARIETIES OF SEEDS

DIGITALIZATION

PARTNERSHIPS



BIODIVERSITY ENHANCEMENT THROUGH BAYDIVERSITY



In association with:



- The project promotes the implementation of Conservation Action Plans (CAPs) on agricultural farms. These CAPs involve the evaluation of natural or semi-natural areas, cataloging the species of flora and fauna found on the farm, and the subsequent drafting of practical recommendations to manage and recover those areas with clear improvements for biodiversity.
- **The aim of Baydiversity is to raise awareness and promote understanding in the agricultural world of the importance of biodiversity, fostering its conservation and improvement.**

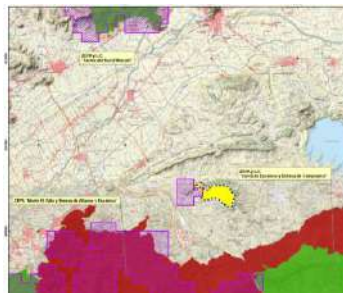


BAYDIVERSITY PROJECT IMPLEMENTATION



- CAPs are implemented through the following process:

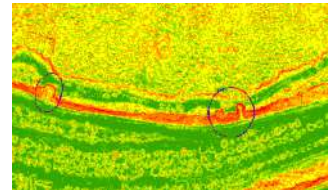
- Phase 1. Initial assessment
- Phase 2. Field visit
- Phase 3. Report writing and presentation
- Phase 4. support during CAP implementation



CONSERVATION ACTIONS



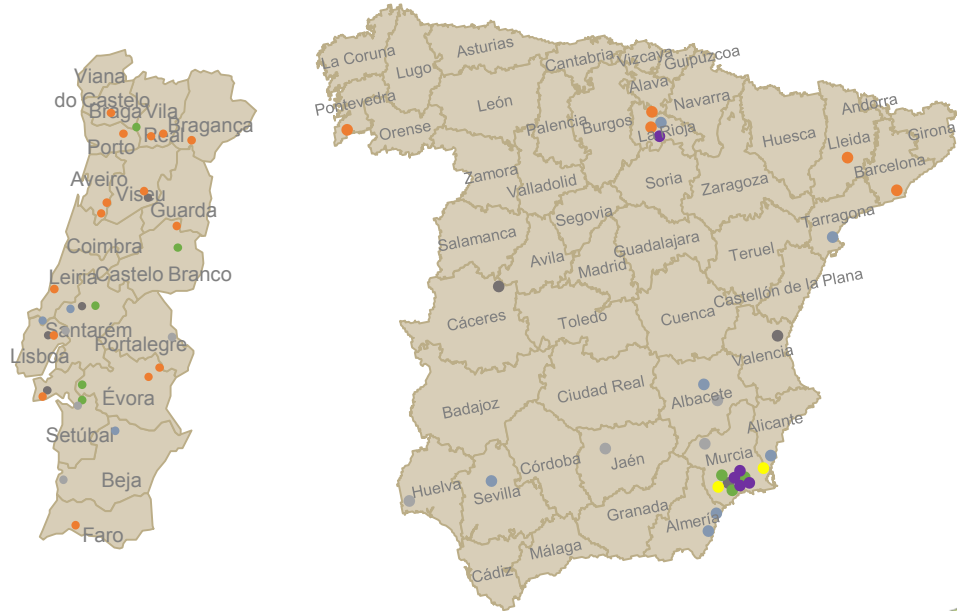
- CROP MANAGEMENT
- GREEN INFRASTRUCTURE (HABITAT DIVERSIFICATION)
- REHABILITATION USING NATURE BASED SOLUTIONS
- TRAINING AND COMMUNICATION



BAYDIVERSITY IMPLEMENTATION



- So far, and since 2012, 65 + PACs have been developed in Spain and Portugal
- Current efforts are focused on giving farmers support for implementing actions
- Internal training is provided to Bayer commercial technicians so that they can engage with an increased number of farmers



BIODIVERSITY PROTECTION MEANS...



A SIMPLE
IMPLEMENTATION
PROCESS

AN IMPORTANT
DIFFERENTIATING
VALUE FOR THE
FARMER

COST SAVINGS AND
RISK MITIGATION IN
THE FARM

ACCESS TO NEW
CLIENTS / MARKETS /
CERTIFICATIONS

VALUABLE HELP TO
MEET HIGHEST MARKET
REQUIREMENTS

THE FIRST STEP OF A
SERIES OF ACTIONS TO
BE IMPLEMENTED IN
THE FARM





THANKS FOR YOUR ATTENTION



European Business & Nature Summit

Plenary 4 - Connecting the dots for Business and Nature

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Plenary 4 - Connecting the dots for Business and Nature

Rapporteurs from each session & Mr Peter White

Ambassador, COP-15/Biodiversity, WBCSD



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What are your thoughts?

- Connect through Slido:
 1. Go to: www.slido.com
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 3. Select your room (Auditorium, Room 1, Room 2)



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End of Day 1

Thank you!
Muchas gracias!

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18:00 – 19:00: Networking cocktail

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With contributions from: