

# Madrid Science Park Foundation



**Connecting Innovation agents  
European Rustica Project  
Meeting**



# Discovering Madrid Science Park



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## International



## National



National Biotech Assoc.



National IT Assoc.

National S&T Parks Assoc.



## Regional

fundación **madriod**  
para el conocimiento



# Discovering Madrid Science Park

## Madrid Region:

- Regional Innovation Strategy (RIS): 2030 vision
- Attraction of S&T businesses
  - Economic development
  - High-quality jobs

 **iMiDRA**  
Instituto Madrileño de Investigación  
y Desarrollo Rural, Agrario y Alimentario

 **Bioplat**  
FORNIA PARA LA BIOTECNOLOGIA

 **ETSAAB**  
ESCUELA TÉCNICA SUPERIOR  
DE INGENIERÍA AGRONÓMICA  
ALIMENTARIA Y DE BIOSISTEMAS

 **CNB**  
CENTRO NACIONAL DE BIOTECNOLOGIA

 **SUSCHEM**  
Química Sostenible

 **biovegen**  
plataforma tecnológica  
de biotecnología vegetal

1. Human  
& Social  
processes

2. ICT

3. Advanced  
Habilitating  
Technologies

4. Ecological  
Transition

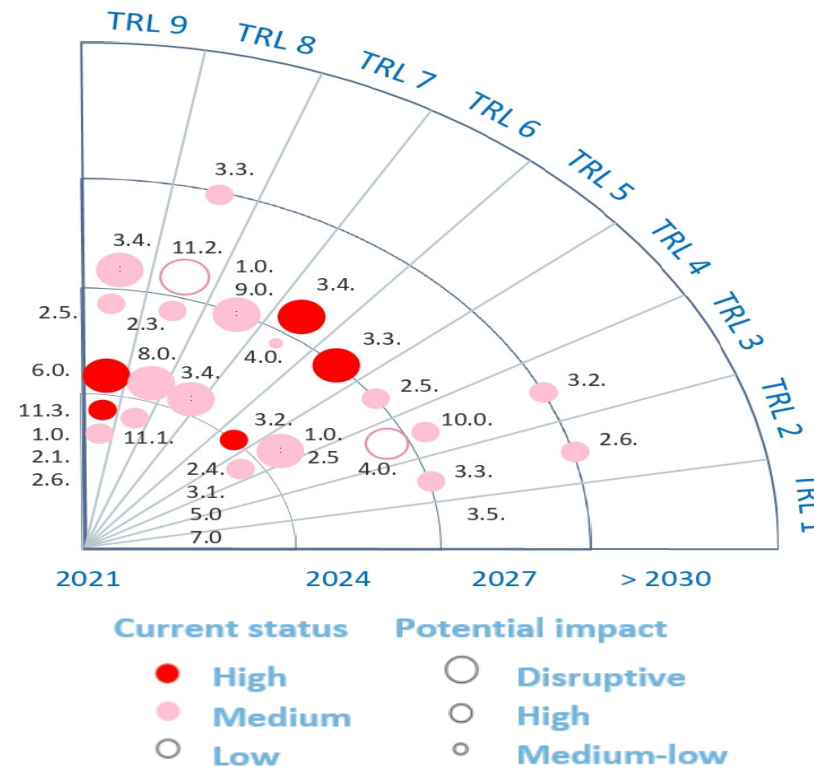
5. Global  
Health

6. Biotech  
& Agrofood

SMART  
SPECIALIZATION  
PRIORITY AREAS  
2021-2027

## Madrid Region:

- **Regional Innovation Strategy (RIS): 2030 vision**
- **Some relevant lines:**
  - 1. Health, Food & Ageing**
    - eHealth (AI, big data,, bioinformatics...)
    - epigenetics, liquid biopsy, microfluidics...
    - mRNA therapies & vaccines
    - sustainable food
  - 2. Cybersecurity & Social Security**
    - cybersecurity, IoT & AI for businesses & defence
    - cybersecurity for vehicles & domotics
    - quantum & post-quantum cryptography
  - 3. Aerospace Applications**
    - multisensory platforms
    - nanotech, new & advanced materials
    - quantum & post-quantum cryptography
  - 4. ICT**
    - IA, big data & robotics
    - 5G applications



## 5. Climate Change, Sustainability & Bioeconomy

- green hydrogen
- clean energies & energy storage
- waste water treatment & recovery
- CO<sub>2</sub> capture
- smart mobility & autonomous vehicles
- bioplastics, biorefineries & fertilizers



# Madrid Science Park Bio/Circular/Sustainable Time line



• 2013-2015



*Bioeconomy Readiness for Madrid Region*

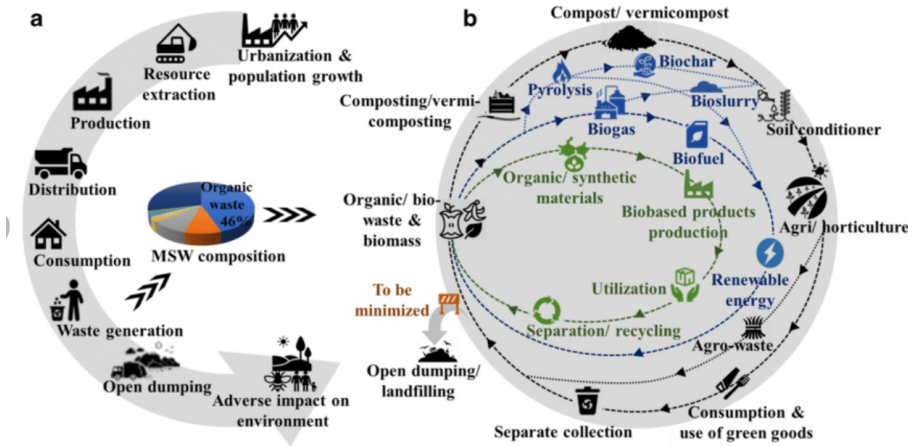
• 2013-2020



• 2020--

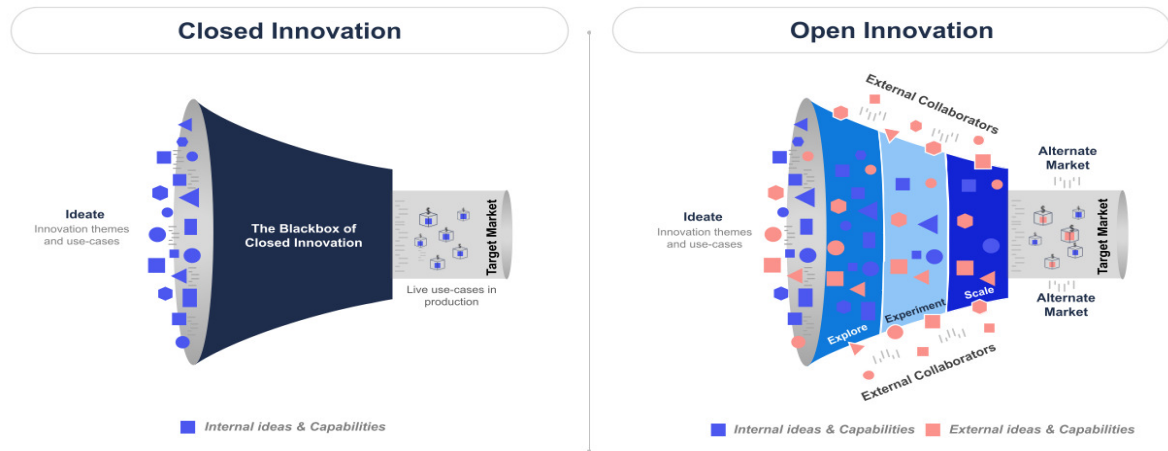


# Circular Innovation?



• From linear to circular ?.

• A different model of innovation?



<https://nayaone.com/open-innovation>

# 10/10/2023 Agenda

16:00 - 16:10	Intro of <b>Madrid Science Park</b> <i>David Arbelo, Project Manager</i>	
16:10 - 16:20	Intro of <b>RUSTICA Project</b> <i>Dr. Tessa Avermaete - RUSTICA Coordinator</i>	
16:20 - 16:30	Presentation by <b>Drage&amp;Mate</b> <i>Amalio Garrido, CEO (online)</i>	
16:30 - 16:40	Presentation by <b>Empirical Advances</b> <i>Rafael Mombiedro, CEO</i>	
16:40 - 16:50	Presentation by <b>Biovegen</b> <i>David Lapuente, Project Manager (online)</i>	
16:50 - 17:00	Presentation by <b>Ekonoke</b> <i>Marta Ruiz, Plant Scientist (online)</i>	
17:00 - 17:10	Presentation by <b>Circular Agro</b> <i>Rafael Antón, Biostimulants</i>	
17:10 - 17:20	Presentation by <b>Microgaia</b> <i>Anaïs de Gea, Molecular Biology Dpt. (online)</i>	
17:20 - 18:00	Networking coffee	