

Direzione centrale risorse agroalimentari, forestali e ittiche  
Servizio valorizzazione qualità delle produzioni  
in collaborazione con  
AgrifoodFVG

# Bioeconomy experiences in Friuli Venezia Giulia Autonomous Region (RAFVG)

Brussels 3 July 2019



# QUESTIONS FROM THE ORGANIZERS

(presentation outline)

- Why the regional initiative has emerged (does it answer to territorial strengths, dynamics, challenges...)?
- How do you inform rural stakeholders (farmers, rural SMEs, communities...) of the concrete results they can expect of the development of the regional bioeconomy?
- What support are existing rural enterprises offered to get onboard, and by whom?
- How is the regional bioeconomy plan financed?

ANSWERS

The regional existing **clusters organizations in the area of smart specialization** have been recognized by the Regional Law n. 3 20/2/2015 and appointed by law (2017) to support RAFVG in the Smart specialization process as specialistic private subjects.



**RAFVG identifies the AGRIFOOD as strategic area and its development trajectories were updated via **EDP** in 2017 by RAFVG Cluster Organizations**



1. Integration of innovation measures on the agri-food chains to create value for the consumer
2. **Integration of the concepts of circularity and sustainability in the agricultural and food economy**
3. Value development through the constant integration of information throughout the agricultural and food chain.

The **second trajectory** devoted to circularity and sustainability envisages in its explanation:

*Enhancement of the potential of the territory, with full respect of local communities, of rural and coastal ecosystems for the production of **energy and new bio-based products**, of the circular economy, through the use of innovative technologies, **bio-refineries** and **green chemistry**, starting from:*

- a) *The production of **renewable resources from agriculture, forestry and aquaculture**.*
- b) *The **recovery of by-products (waste) and of secondary materials** from production and transformation.*

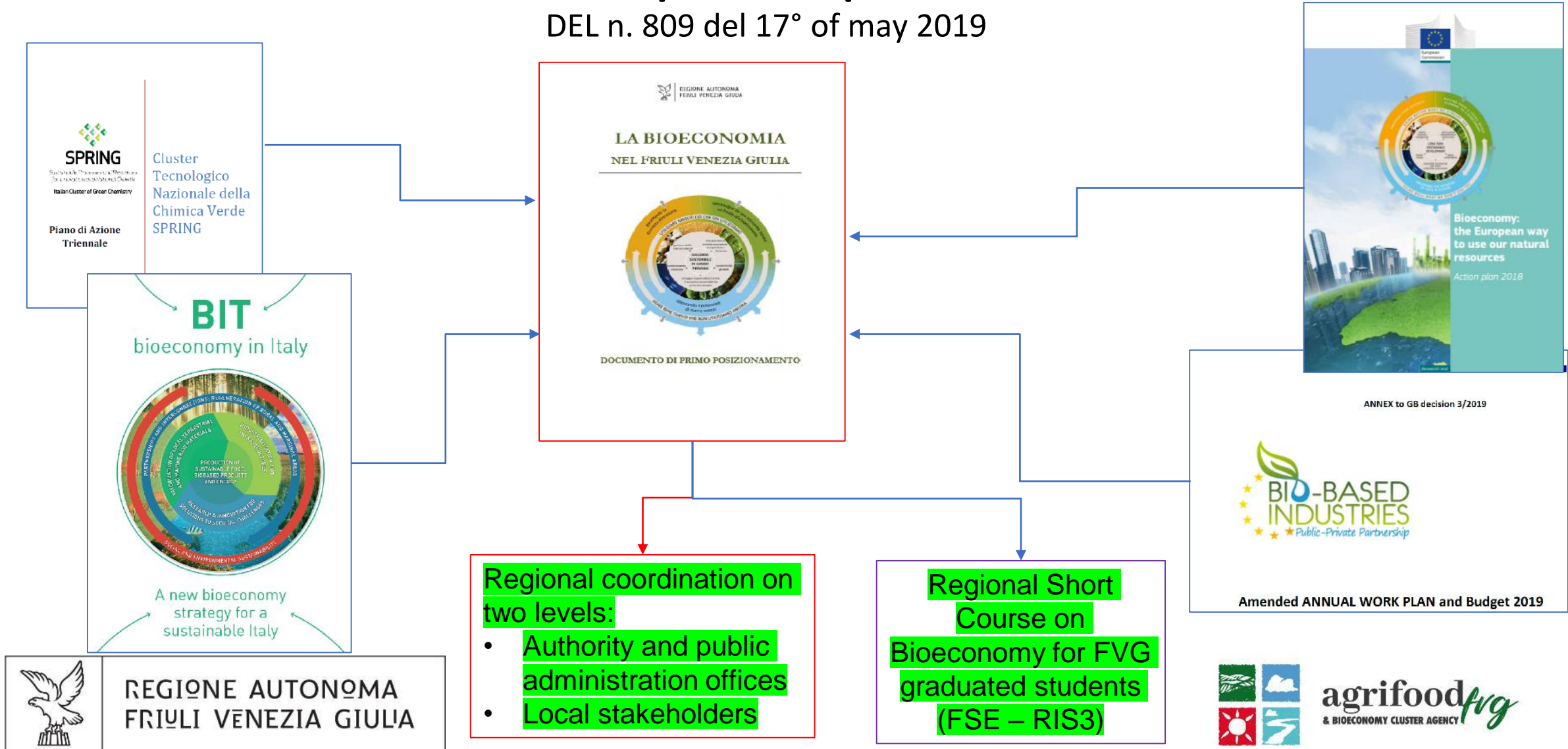


**Bioeconomy was formally started in RAFVG**

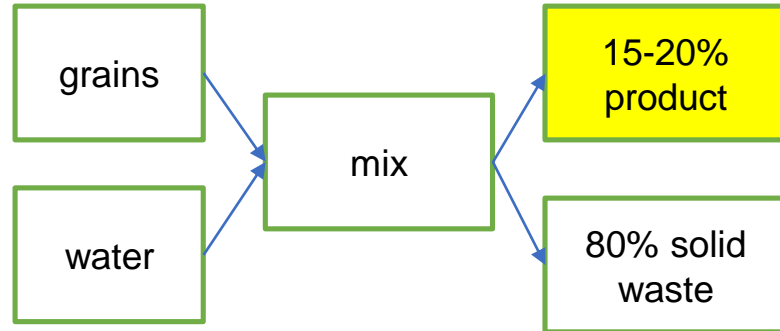
# RAFVG Strategic Positioning on Bioeconomy 2019

## «Documento di primo posizionamento»

DEL n. 809 del 17° of may 2019



ante 2015



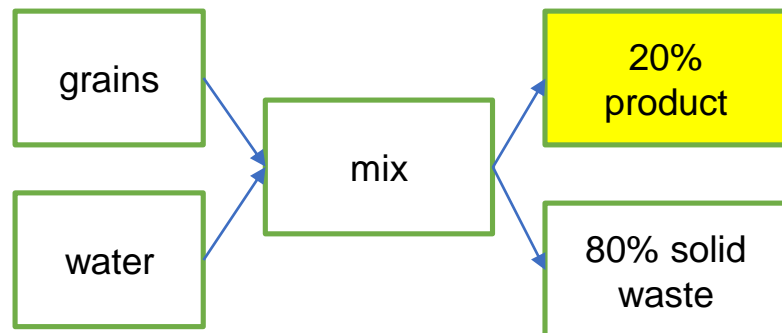
Product line turnover : 2.000.000 €/year  
ROI: 13-15 % starts to go down  
Speciality since 25 years  
Sustainability: economic

- Product was a speciality since 25 years
- The product becomes suddenly a commodity
- The company feels to have a problem of processing yield: «the process is not under control, the gross margin becomes important so let us take a look»
- Yield is variable over day ( $\pm 5\%$ )
- 30 ton/day of waste slurry
- Disposal Cost 70.000 €/year

2017



ESF – temporary manager  
ERDF \_ 1.1 a Innovation voucher



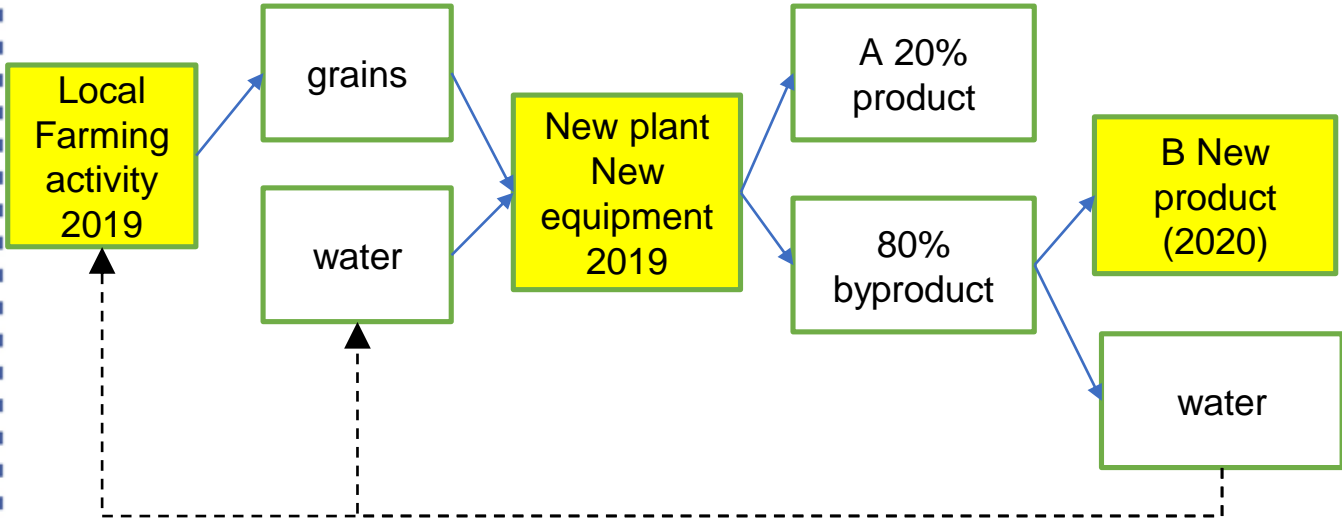
Product line turnover : 2.000.000 €/year  
ROI: moves from 5 to 0 %  
The product is a commodity driven by new players  
Sustainability: none

- RAFVG introduced bioeconomy in Smart specialization
- AgrifoodFVG (clustering) helped the company in introducing external competences
- The company overcomes the processing yield problem
- The company has new competences and starts to look at externalities
- given to local biogas plant lowering the disposal cost (-10%)
- Can we make something better with 30 ton/day of externalities? ...it is still food?

2018



FESR \_ 1.3 a Innovation project  
FESR – innovative equipment  
FEASR – agro-industry - New Plant  
FEASR – new farming activity



- RAFVG introduced Bioeconomy in Smart specialization
- The company overcomes the processing yeald problem
- The company has new competences and starts to look at externalities

30 ton/day of externalities will become 2 new products (under development) and the process will end up by 2020 with possible water recovery

Product line turnover : 2.000.000 €/year + B  
ROI: starts to become positive A+B  
a special «high quality» commodity + new product  
Sustainability: economic, environment, social





# Biolab pilot project (2016-2019) ingredients:

1. Technically supported by AgrifoodFVG agrifood&bioeconomy clustering agency
2. Financial support by RAFVG through EAFRD, ERDF and ESF standard tools thanks to new Smart Specialization Strategy (RIS3FVG).
3. Scientific support by local University
4. Company social commitment

# thanks for your attention!

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