Il valore nazionale della partnership CBE: quali luci e ombre dalla passata BBI JU per l’Italia?

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The Biobased industry, a core pillar of the Italian Bioeconomy landscape (a)

Italy: ~335 Bil €/y, ~2.0 Mil of jobs (2018); ~365 Bil €/y, ~2.13 Mil of jobs (2021); 3rd turnover/jobs, often 2nd as presence in H2020SC2 & BBIJU funded projects, 1st Biodiversity richness and number of quality products (DOP, IGP, etc)

Europe: about 2,400 Bil €/y and 18,5 Mil of jobs (2018)

Environmental and social benefits, for sustainable/regenerative/inclusive growth
The Biobased industry, a core pillar of the Italian Bioeconomy landscape (b)

Improve efficiency, flexibility, multiproduct production, circularity; digitalization; Use of local and marine non food feedstocks, biowaste, CO₂; wastewater biorefineries; Connect wood production and wood based biorefineries to produce new/higher added value forest based products; Exploit abandoned/marginal lands for producing biomass and re-covert former industrial sites; Production of high quality and certified bio-products and use of standards and labelling....
**IT Bioeconomy strategy (BIT II, 2019) & Implementation Action Plan (2021)**

**“National Bioeconomy Coordination Board”**
**CNBBSV, Presidency Council Ministers, Rome**

Composition (PdC decree 2021):
- Ministry Agriculture, Food, Forestry Policies;
- Ministry University & Research;
- Ministry Economical Dev;
- Ministry Ecological Transition;
- Ministry Education.
- X and XI Conferences of Regions & autonom. Provinces;
- Italian Agency territorial cohesion; SVIMEZ;
- Institute for Environmental Protection and Research;
- Italian Technology Clusters: Circular Bioeconomy (SPRING), AgriFood (CLAN), BlueGrowth (BIG).

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May, 2019
A new Bioeconomy strategy for a sustainable Italy


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January, 2021

IMPLEMENTATION ACTION PLAN (2020-2025) FOR THE ITALIAN BIOECONOMY STRATEGY BIT II

Mission & actions:

- Integrate major national public and private actors of the sector;
- Identification of main regional & national R&I needs and opportunities;
- Promotion of indentified priorities/needs towards regional, national and EU institutions funding R&I;
- Promotion of partnerships and the participation of public R&I institutions, industry and associations in regional (Next Generation EU, FESR, FSE, etc.) national and EU (Horizon 2020/EU, BBI/CBE JU, JPIs) agendas/programs for R&I, by reducing fragmentation and duplication, and fostering effective innovation.
A Public-Private Partnership on Bio-Based Industries

Realising the European Bio-economy Potential

€ 3.4 Billion 2014-2020

http://www.bbi-europe.eu/
BBI JU projects funded (2014-2020)

142 projects, ~1000 beneficiaries, ~40% SMEs

~ € 822 Mln EC + 2.5 Bln private contribution

14 FLAGSHIP projects
Total Grant: € 272 Mln
€1.8 Bln private investment
> 4.700 direct
15.000 indirect jobs
BBI JU-funded projects in Italy (a)

81 projects

of which

9 Coordinated projects

More than half of the BBI JU projects have at least one Italian beneficiary in their consortia.
BBI JU-funded projects in Italy (b)

- **108** Unique beneficiaries
  - **25** Universities & research centres
  - **70** Private companies
    - **48** of which are SMEs
  - **13** Other

- Italy has the third-highest number of beneficiaries in BBI JU-funded projects.

- **North:** 60%
- **Center:** 31%
- **South + Islands:** 9%
BBI JU-funded projects in Italy (c)

€83.3 million
BBI JU contribution

24% of the country funding goes to SMEs

24% of the country funding goes to universities and research centres

Italian beneficiaries attracted 10% of all BBI JU funding
Italian BBI JU funded projects (2014-2020)

2nd in EU in terms of presence in the funded projects (after ES)

3rd in EU as budget received (after ES and FR)
Some best practices:
• several SMEs “grew up” thanks to BBI JU opportunities, first driven by large companies then independently (e.g., AEP polymers, MOGU...);
• engagement of several R&I public and private entities not joining BIC;
• synergies between Horizon 2020 and BBI JU projects;
• regional impacts of the FLAGSHIP and DEMO projects;
• effective partnership with SPRING cluster....

Some Recommendations:
• Ensure farmers/primary producers participation – integration in value chains;
• Ensure wide geographic coverage;
• Ensure: a) the exploitation of the full feedstock potential; b) circularity; c) sustainability monitoring; d) positive contribution to biodiversity and safeguard of ecosystem;
• Include business cases, robust business plans, specify maturity level of actions;
• Specify expected impacts with clear quantified targets;
• Include deployment capacity & synergies with other sources of funding;
• Ensure feedback to policy -> more coherent, supportive, stable regulatory framework
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