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# BBI JU – project opportunities

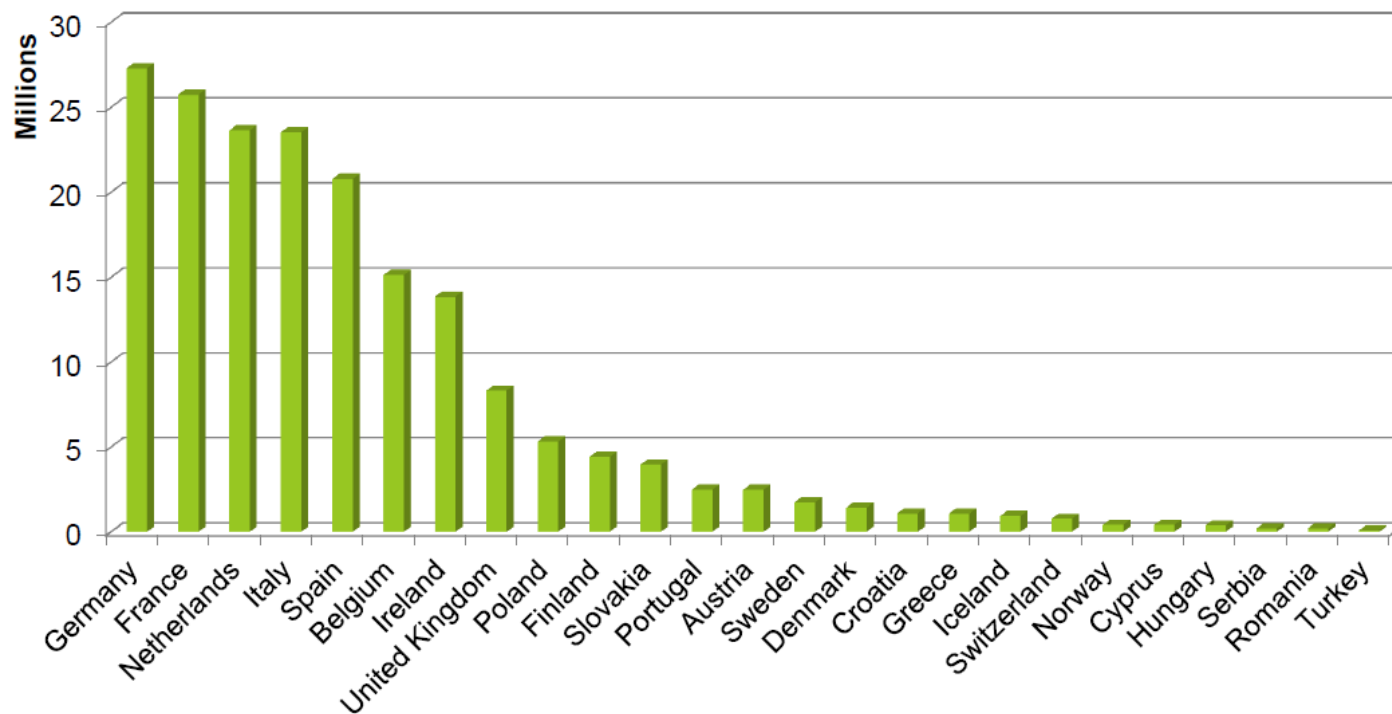
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David Kubička,

*SRG representative, [david.kubicka@vscht.cz](mailto:david.kubicka@vscht.cz)*

# Current situation – call 2016

Requested grant by country in proposals invited to GAP



[www.bbi-europe.eu](http://www.bbi-europe.eu)

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# Current situation - call 2017

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- Closure of the Call 2017 took place on the 7 September
- 149 admissible and eligible proposals
  
- Remote evaluation of Call 2017 has started;
- Central evaluation will start in Brussels on the 6 October 2017.

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# Upcoming events

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- **7-10 November 2017**, ECOMONDO, Rimini, Italy.
- **20-21 November 2017**, European Bioeconomy Congress: Biocommunities at heart of the EU's bioeconomy" Lodz, Poland.
- **27-29 November 2017**, Scaling Up 2017, "Making the global bioeconomy mainstream", Ottawa, Canada
- **14-17 November 2017**, Info Week on Horizon 2020 Societal Challenge 2 (SC2) 'Food security, sustainable agriculture and forestry, marine and maritime and inland water research and the bioeconomy', Brussels, Belgium.
- **14 December 2017**, Bioeconomy Investment Summit, Helsinki, Finland.

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# Annual working plan 2018

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## STRATEGIC PRIORITIES

- foster supply of sustainable biomass feedstock to feed both existing and new value chains;
- optimise efficient processing for integrated biorefineries through research, development and innovation (R&D&I);
- develop innovative bio-based products for identified market applications;
- create and accelerate the market-uptake of bio-based products and applications.

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# Annual working plan 2018 - SP1

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- Improve the utilisation of existing feedstock sources from the agro-, forest-, marine, chemical and waste industry sectors, also in geographical areas with currently low bio-based activities. This includes feedstock from the paper and pulp and the food production and processing industries.
- Expand the utilisation of the organic fraction of municipal solid waste (MSW), sludge from the urban wastewater treatment, industrial organic waste and residues from perennial crops as feedstock source for the bio-based industry.
- Exploit the opportunities of aquatic biomass as feedstock for the bio-based industry.
- Valorise co-products and residues from bio-based operations, including (existing) biorefineries.

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# Annual working plan 2018 - SP2

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- Improve the effectiveness of pre-treatment steps.
- Further increase the efficiency of chemo- and bio-catalysis targeting better product quality, higher selectivity, higher output, lower cost and/or lower energy consumption.

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# Annual working plan 2018 - SP3

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- Bio-based materials that outperform fossil-based materials in comparable applications in the packaging, construction, agriculture, transportation, personal care and hygiene sectors.
- Breakthrough bio-based chemicals that have no fossil-based counterpart or industrial scale production.
- New bio-based chemicals and materials for high value applications meeting all safety and regulatory requirements.
- Proteins and bio-based additives from plants, residual streams in the food production and other (waste) streams that are rich on protein and high value molecules.
- Bio-based plastics that are biodegradable/compostable or suitable for recycling.



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# Annual working plan 2018 - SP4

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- Identify and propose solutions to remove (potential) hurdles to the increased use of the organic fraction of waste (specific co-products, side streams and residues from industrial and urban sources) for the bio-based industry.
- Increase and improve communication and dialogue with all stakeholders on the benefits and possible risks of new bio-based products. These include materials for applications with food contact (such as nutraceuticals and packaging materials), in the pharmaceutical sector, and possibly also in the construction, agriculture, transportation, personal care and hygiene sectors.
- Establish cooperation and partnership with brand owners and consumer representatives to improve market access of sustainable bio-based products.

# BBI JU objectives and related KPIs ...

Objectives & KPIs		TARGET 2020	Addressed in AWP 2018			
			CSA	RIA	Demo	Flag
<b>Objective</b>	<b>New cross-sector interconnections in the bio-based economy (new bridges creating cooperation between the different sectors and actors)</b>					
<b>KPI 1</b>	Number of new cross-sector interconnections in BBI projects	36	0	6	5	6
<b>Objective</b>	<b>New bio-based value chains</b>					
<b>KPI 2</b>	Number of new bio-based value chains created/realised with BBI projects	10	0	5	5	7
<b>Objective</b>	<b>New building blocks based on biomass of European origin</b>					
<b>KPI 4</b>	Number of new bio-based building blocks developed (TRL 3), validated (TRL 4-5) or demonstrated (TRL 6-7) with BBI projects	5	0	0	0	0

# ... BBI JU objectives and related KPIs

Objectives & KPIs		TARGET 2020	Addressed in AWP 2018			
			CSA	RIA	Demo	Flag
<b>Objective</b>	<b>New bio-based materials</b>					
<b>KPI 5</b>	Number of new bio-based materials developed (TRL3), validated (TRL 4-5) or demonstrated (TRL 6-7-8) with BBI projects	50	0	3	0	6
<b>Objective</b>	<b>New demonstrated 'consumer' products based on bio-based chemicals and materials</b>					
<b>KPI 6</b>	Number of new bio-based 'consumer' products or bio-based applications demonstrated (TRL 6-7-8) with BBI projects	30	0	2	8	6
<b>Objective</b>	<b>BBI flagship projects producing new bio-based intermediate products (materials, chemicals) or bio-based consumer products, which have proven to become cost-competitive with the alternatives based on fossil resources or other non-renewable resources</b>					
<b>KPI 7</b>	Number of Flagship grant agreements signed between BBI JU and the project consortia	5	0	0	0	2
<b>KPI 8</b>	RIA 'TRL gain': validated, improved technologies that fill gaps in value chains and make for new chemical building blocks, new materials, new 'consumer' products or new applications.	20	0	6	0	0

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# Questions?

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**Děkuji za pozornost!**

[david.kubicka@vscht.cz](mailto:david.kubicka@vscht.cz)