



**Bio Based Industries Joint Undertaking:
call conditions and rules for participation**



Content

- The Bio-based Industries Joint Undertaking: strategic orientations
- BBI JU Call 2018 submission results
- Rules for participation: legal and financial aspects



About BBI JU

- Public-Private Partnership (PPP) between the European Commission & Bio-based Industries Consortium (BIC) supporting R&I for bio-based industries
- Fund R&I projects from technology development to full scale
- EU body - operates under Horizon 2020 rules





BBI JU's objectives

Developing **sustainable** and **competitive bio-based industries in Europe**, based on advanced biorefineries that source their biomass sustainably by:

- **Demonstrating new technologies** to fill the gap in value chains
- **Developing business models** integrating all economic actors along the value chain
- **Set-up flagship biorefinery plants** deploying business models & technologies to keep investment in EU

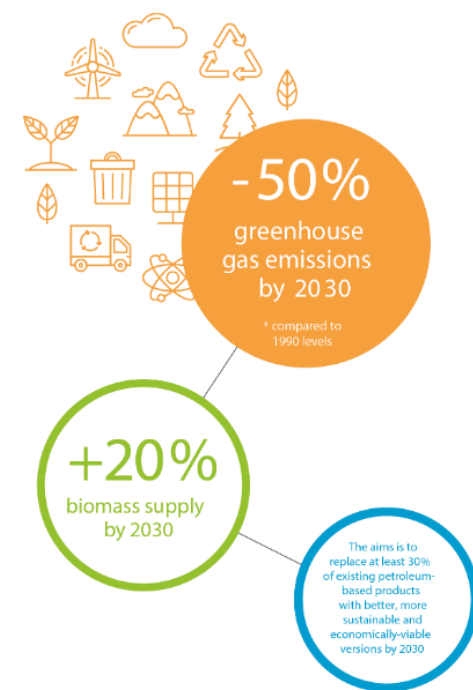


COUNCIL REGULATION (EU) [No 560/2014](#)
of 6 May 2014 establishing the BBI JU



Expected impact for Europe by 2030*

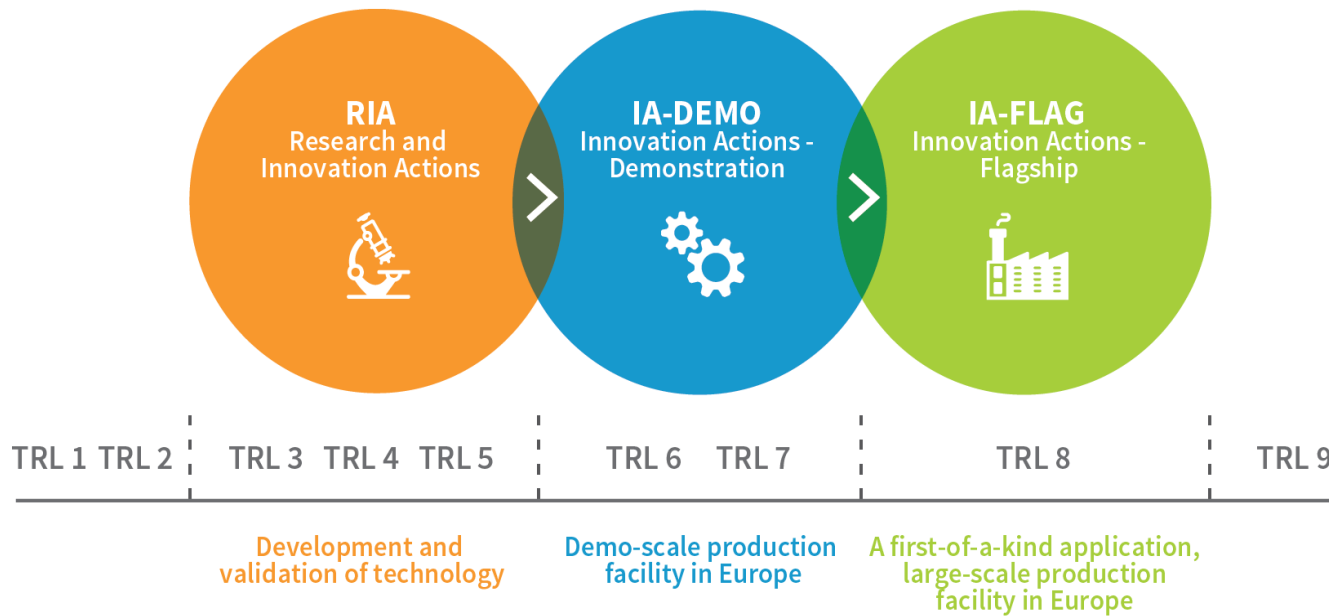
- Replace 25% of oil-based chemicals
- 10 times more bio-based materials
- Increase biomass supply by 20%
- Increase by 25% mobilisation of unused sources
- Develop potential of agro-food “waste” & forestry residues
- Diversify and grow farmers’ revenues
- Create 700,000 jobs – 80% in rural areas
- Reduce EU’s dependency on import of fossil raw materials, protein (- 50%) and P – K (- 25%)
- Average 50% GHG emission reduction



BBI JU Mission



Implement under Horizon 2020 rules, the Strategic Innovation and Research Agenda (SIRA) developed by the European Bio-based industry (BIC) and endorsed by the EC



CSA

Coordination and Support Actions - no link to TRLs*

*TRL = Technology Readiness Levels



BBI implementation

Steps towards a Call for Proposals

Strategic level: SIRA

Strategic Innovation and Research Agenda guiding document developed by BIC



Operational Level Annual Work Plan

Drafting – Approval – Supporting



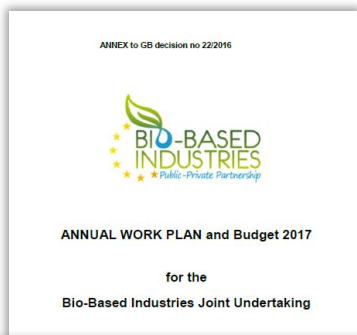
+ Scientific Committee
+ States Representatives Group



Call for proposals (RIAs, IAs, CSAs)

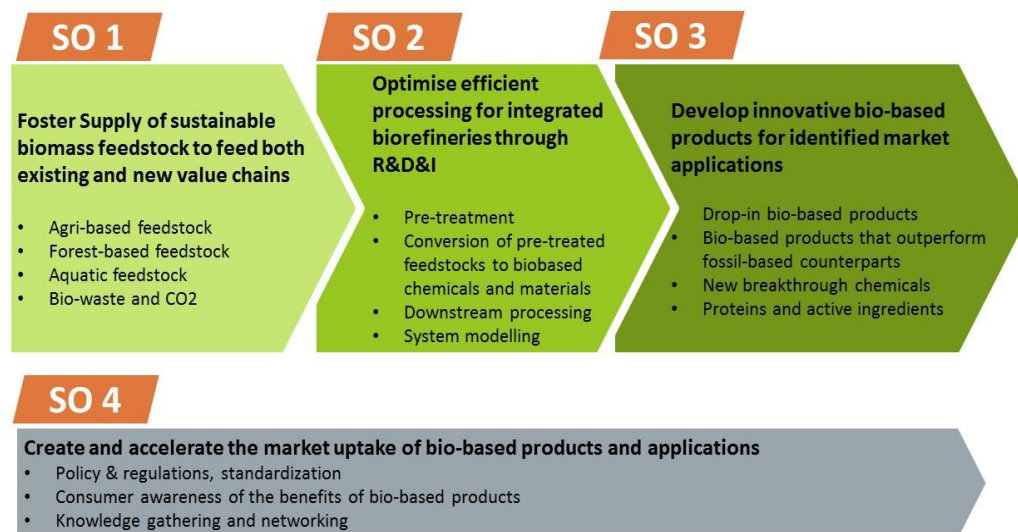


Publication & Implementation



Strategic document setting out the main technological and innovation challenges to developing sustainable and competitive bio-based industries in Europe

- **‘Multi-value-chain’ approach**
- **4 Strategic Orientations**





BBI JU Key Performance indicators

KPI 1 New cross-sector interconnections

KPI 2 New bio-based value chains

KPI 3* BBI JU Cooperation projects

KPI 4 New bio-based building blocks

KPI 5 New bio-based materials

KPI 6 New bio-based 'consumer' products

KPI 7* BBI JU flagships projects

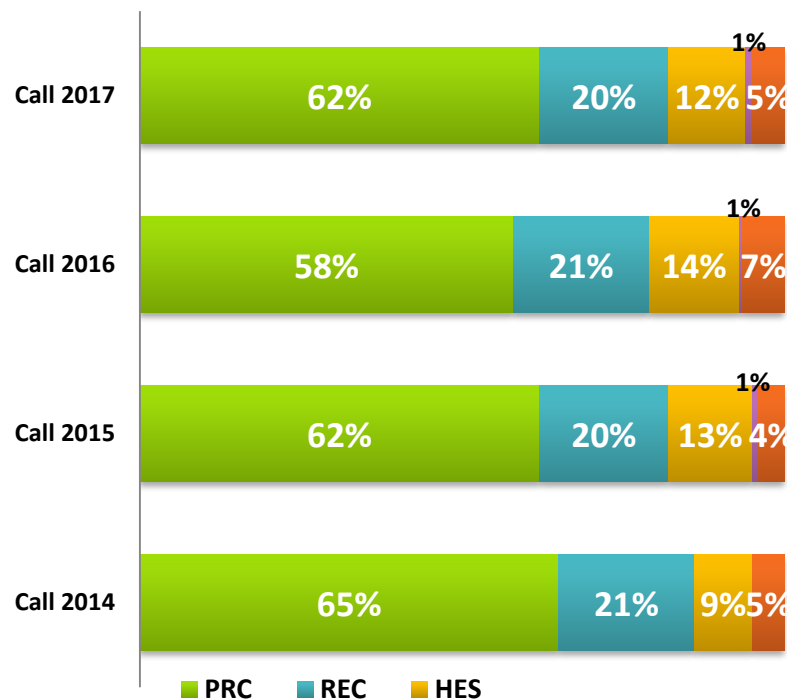
KPI 8 'TRL' gain

Socio-economic impact



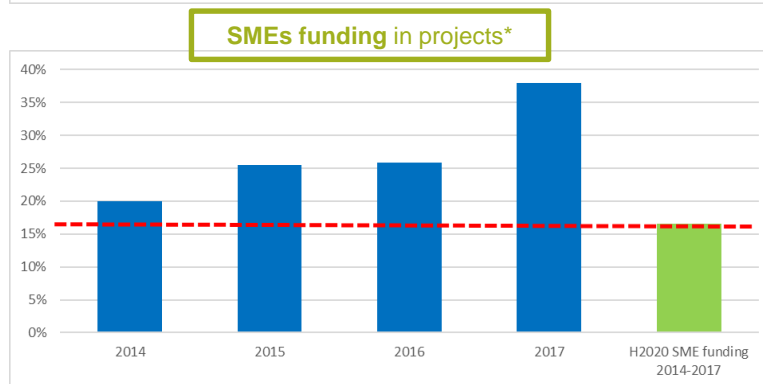
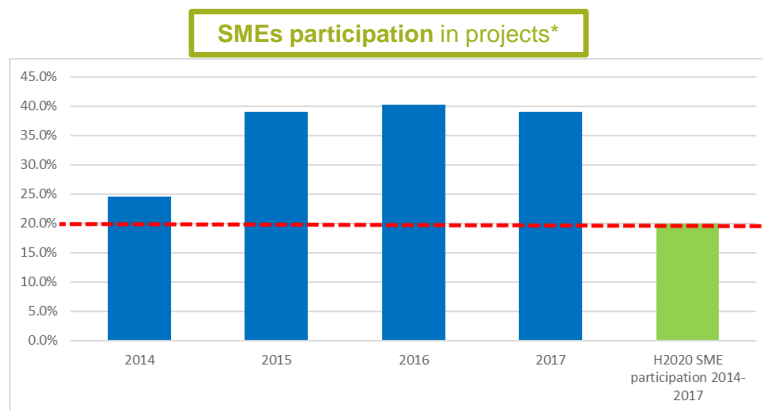
Calls 2014-2017

Type of organisations in retained proposals and funded projects





SMEs participation 2014 -2017*



*Call 2014-2016 projects and retained proposals Call 2017

Source: [H2020 dashboard](#)

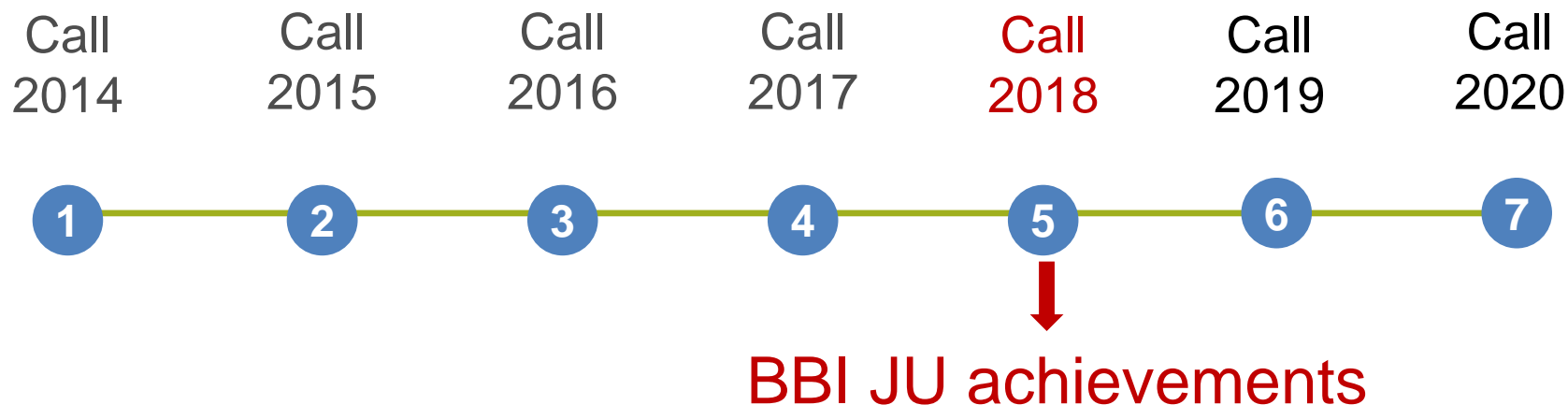


Content

- Industry-academia cooperation : the Bio-based Industries Joint Undertaking
- **BBI JU Call 2018 submission results**
- Rules for participation: legal and financial aspects



BBI JU Calls overview



Call 2014: 10 running projects: 1 Flagship, 2 Demo, 7 RIAs

Call 2015 : 26 running projects: 3 Flagships, 9 Demo, 11 RIA, 3 CSA

Call 2016 : 29 running projects: 2 Flagships, 9 Demo, 15 RIA, 3 CSA

Call 2017 : 17 running projects: 1 Flagships, 4 Demo, 10 RIA, 2 CSA

→ **82 running projects - 932 beneficiaries - EUR 498,923,016.37**



Highlights of BBI JU Call 2018



- Strong focus on **impact & KPIs**
- Widens the scope in terms of **feedstock** (e.g. urban bio-waste in DEMO), **processes** (e.g. electrochemical, modelling), **new products** (e.g. bio-based aromatics, coatings)
- Specific focus on the **improvement of logistical and pre-processing steps of local biomass resources** both for RIA & DEMO topics
- Promotes a **multi-value-chain approach**
- Contains **RIA topics covering lower TRLs (1-3)**



Call 2018 submission results

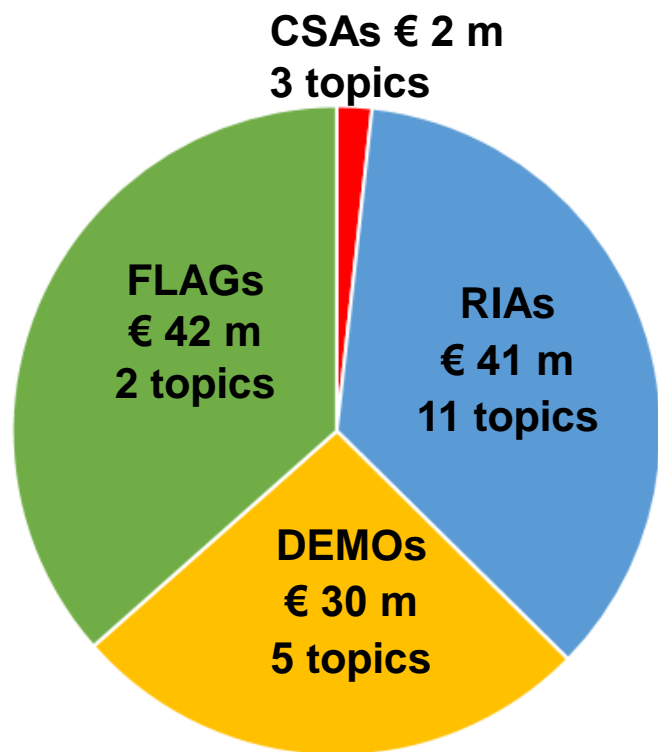
144 proposals were submitted in response to this
The number of proposals for each type of action

- CSAs - **15** proposals
- RIAs - **61** proposals
- IA-Demo - **55** proposals
- IA-Flagship - **13** proposals

Proposals evaluations will be finalised in November 2018.



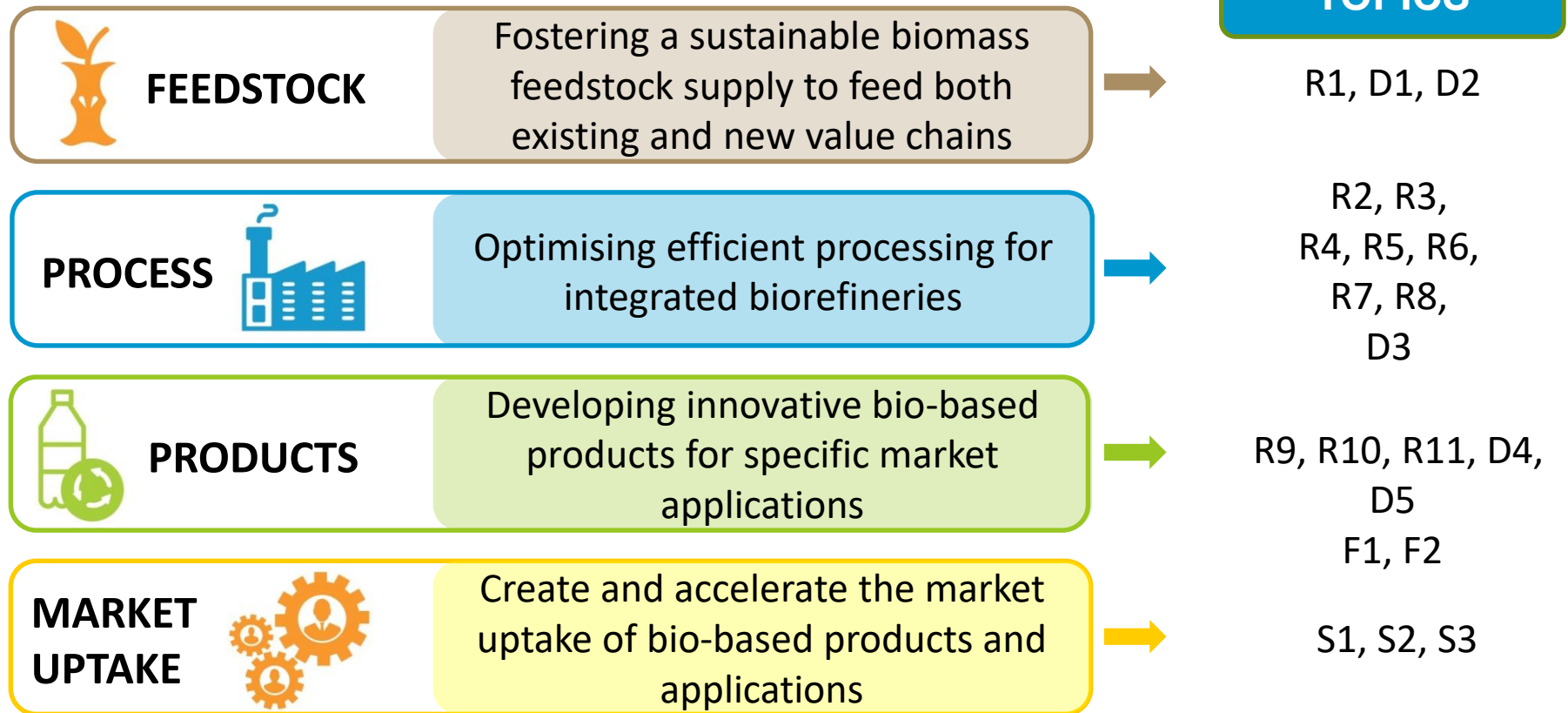
Budget distribution Call 2018



*Total Indicative
BBI JU budget is
€ 115 million for 21 topics*

In addition substantial resources from industry expected
Estimated value of the in-kind contribution is minimum 45 M €

Strategic Orientations against topics in Call 2018



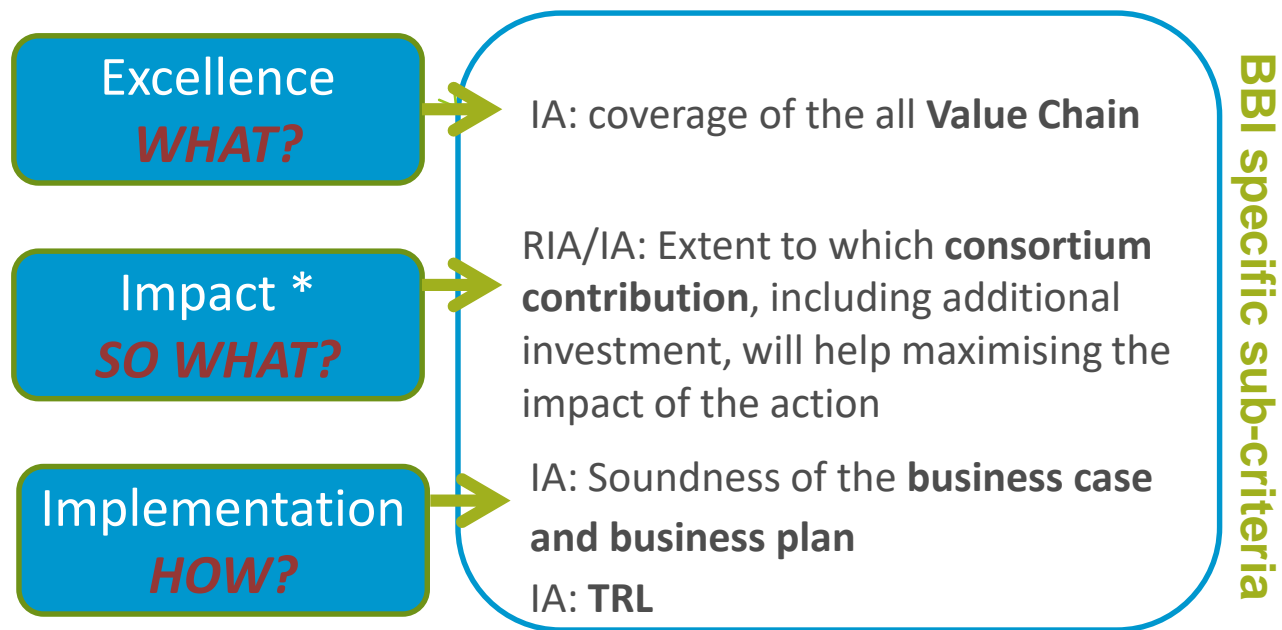


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Evaluation Criteria

H2020 rules apply: there are 3 main evaluation criteria





Legal & and financial aspects

BBI JU calls follow **H2020 rules for participation**, except:

- No BBI JU funding for large industries in RIA & CSA
- Additional eligibility condition for some RIA topics in Call 2018

All information in:

- **BBI JU Annual Work Plan 2018:** legal and financial information for submitting a proposal to a call
- **BBI JU Guide for Applicants (GfA):** details on how to structure and prepare your proposal
- **Frequently Asked Questions** document



<https://www.bbi-europe.eu/participate/call-proposals-2018>

Rules for participation 1/2

= H2020



Who can apply?

Any '**legal entity**' (natural or legal person created & registered under national law) e.g. any company, big or small, research organisations, universities, non-governmental organisations, etc.



Rules for participation 2/2



Consortium composition?

- **CSA:** can be carried by a single 'legal entity'
- **RIA and IA:** at least 3 'legal entities' established in at least 3 different Member States and/or Associated Countries (AC). The entities must be independent from each other



Eligibility for funding

Legal entities from all over the world can participate in H2020 and BBI calls, but which are eligible for funding?

- **Automatically eligible for funding:**
 - EU and Horizon 2020 Associated Countries
 - Countries listed in [Annex A of the Horizon 2020 Work Programmes](#)
- **NOT automatically eligible for funding:**
 - Industrialised countries and emerging economies: participants are not eligible BUT some countries have forms of co-funding mechanisms
 - EXCEPTIONS if: bilateral agreement; country is identified in AWP or call



Funding rates per type of action for different entities

Participant	RIA	IA	CSA
Large Industries	/	70%	/
SMEs	100%	70%	100%
Non profit, legal entities (Universities, RTOs, NGOs etc.)	100%	100%	100%



Consortium own contribution

Leverage of private investments is crucial!

The consortium own contribution in BBI projects consists of:

- **In kind contributions**

The costs incurred by one partner implementing the project minus the funding provided by BBI JU

- **Financial contributions**

Financial transfers from one or more to one or more partners of a BBI JU project to carry out part of the action

- **Additional investments**

Investments (e.g. infrastructure, facilities, durable equipment, etc.) that contribute to reaching the objectives of the projects and the BBI initiative



Financial Regime in BBI JU Calls: take-away messages

- **BBI follows H2020 rules and financial regime, except:**
 - No BBI JU funding for large industries in RIA & CSA
- **BBI is a PPP and an industry-driven programme:** leveraging of private investments is crucial
- **Consortium own contribution** (in kind, financial contributions and additional activities) is assessed during the evaluation
- **Read carefully the AWP 2019, GfA & FAQs** to help you prepare a successful proposal.



Call 2019 tentative timing

**Dec
2018**

- Publication of topic texts

Apr

- Call opens , BBI JU Infoday

Sept

- Call closes

**Oct-
Nov**

- Proposal evaluation

**Dec
2019**

- Evaluation results



BBI JU Social Media & Contacts



www.twitter.com/bbi2020



www.linkedin.com/company/10630022/



www.youtube.com/channel/UCOXBuYHNZypE-pF9xZ_-9eQ





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