BBI JU Call 2020 info day (DK)

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Project Officer
3 February 2020
Introduction: BBI JU & Call 2020 priorities
BBI Joint Undertaking (BBI JU)?

- Public-Private Partnership (PPP) developing sustainable and competitive bio-based industries in Europe
- Partners:
  - European Union (via EC)
  - Bio-based Industries Consortium (BIC)
- Mission: to implement, under Horizon 2020 rules, the Strategic Innovation and Research Agenda (SIRA) developed by the industry and validated by the EC.

www.bbi-europe.eu
The BBI JU annual cycle

**Strategic level: SIRA**
Strategic Innovation and Research Agenda guiding document developed by BIC

**Operational Level**
Annual Work Plan

- Call for proposals (RIAs, IAs, CSAs)
- Portfolio management

- Drafting – Approval – Supporting
- + Scientific Committee
  + States Representatives Group
- Publication & Implementation
- Reporting – monitoring
- Dissemination – comm.
Call 2020 ‘types of action’

RIA
Research and Innovation Actions

IA-DEMO
Innovation Actions - Demonstration

IA-FLAG
Innovation Actions - Flagship

TRL 1 TRL 2 TRL 3 TRL 4 TRL 5 TRL 6 TRL 7 TRL 8 TRL 9

- Development and validation of technology
- Demo-scale production facility in Europe
- A first-of-a-kind application, large-scale production facility in Europe

CSA Coordination and Support Actions - no link to TRLs*

*TRL = Technology Readiness Levels
## Call 2020 funding percentages

<table>
<thead>
<tr>
<th>Action</th>
<th>TRL (1)</th>
<th>Duration</th>
<th>BBI JU funding %</th>
</tr>
</thead>
<tbody>
<tr>
<td>CSA</td>
<td>n/a</td>
<td>1-3y</td>
<td>100% (2)</td>
</tr>
<tr>
<td>RIA</td>
<td>3-5</td>
<td>Up to 4y</td>
<td>100%</td>
</tr>
<tr>
<td>IA-DEMO</td>
<td>6-7</td>
<td>4-5y</td>
<td>70% (3)</td>
</tr>
<tr>
<td>IA-Flagship</td>
<td>8</td>
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</table>

(1) TRL = Technology Readiness Level (value 1-9; higher TRL = closer to market)

(2) However: de facto no (0%) BBI JU funding for large enterprises

(3) Non-profit beneficiaries / linked third parties may be reimbursed at 100%
Call 2020 key figures

- **Call timing (tentative)**
  - Call opening: 15 Apr 2020
  - Call closure: 3 Sept 2020, **17:00 CET**
  - Results to applicants: End of Dec 2020 (tentative)
  - GA Signature: By 2 May 2021 (Call closure + 8 months)

- **Budget**

<table>
<thead>
<tr>
<th>Type of Action</th>
<th># topics</th>
<th>Budget (€ million)</th>
<th>Extra</th>
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<tbody>
<tr>
<td>RIA</td>
<td>5</td>
<td>22</td>
<td></td>
</tr>
<tr>
<td>DEMO</td>
<td>4</td>
<td>28</td>
<td></td>
</tr>
<tr>
<td>Flagship</td>
<td>2</td>
<td>32 (16+16)</td>
<td>1 budget line / topic</td>
</tr>
<tr>
<td>CSA</td>
<td>4</td>
<td>5</td>
<td>Max. 1 project / topic</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>15</strong></td>
<td><strong>87</strong></td>
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Changes possible until Call opening!
Call 2020: strategic orientations vs. topics

**FEEDSTOCK**
Supply chain hurdles of residual waste streams; biogenic gaseous carbon; lignin; aquatic sources to food ingredients

**PROCESS**
Enabling technologies; integral fractionation; recycle composites; extract bioactive compounds; upscale bio-based platform molecule production

**PRODUCTS**
Coatings; packaging solutions

**MARKET UPTAKE**
Access to finance; insight on emerging technologies; create / interlink bio-based education centres; underexploited circular bioeconomy

**TOPICS**
- D1-2, F1-F2
- R1-4, D3
- R5, D4
- S1-4
## Call 2020 - RIAs

<table>
<thead>
<tr>
<th>Feedstock</th>
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<tbody>
<tr>
<td><strong>Process</strong></td>
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<tr>
<td>▪ <strong>R1</strong> – Use <em>enabling technologies</em> to improve feedstock availability and sustainability for the bio-based industry</td>
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<tr>
<td>▪ <strong>R2</strong> – Develop <em>integral fractionation of lignocellulose</em> to produce components for high-value applications</td>
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<tr>
<td>▪ <strong>R3</strong> – develop bio-based solutions to <em>recycle composites</em></td>
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<tr>
<td>▪ <strong>R4</strong> – <em>extract bioactive compounds</em> from new, underexploited and/or recalcitrant residual bio-based streams for high-value applications</td>
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<tr>
<td><strong>Products</strong></td>
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<tr>
<td>▪ <strong>R5</strong> – improve the sustainability of <em>coatings</em></td>
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<tr>
<td><strong>Market uptake</strong></td>
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</table>
| Feedstock                  | ▪ D1 – resolve supply-chain hurdles for turning residual waste streams into functional molecules for food and/or nonfood market applications  
▪ D2 – use biogenic gaseous carbon to increase feedstock availability for the industry |
<table>
<thead>
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<tbody>
<tr>
<td>Process</td>
<td>▪ D3 – upscale the production of bio-based platform molecules for larger market applications</td>
</tr>
<tr>
<td>Products</td>
<td>▪ D4 – demonstrate superior bio-based packaging solutions with minimal environmental damage</td>
</tr>
<tr>
<td>Market uptake</td>
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Call 2020 - Flagships

| Feedstock       | ▪ F1 – Turn lignin into materials and chemicals for high-end applications  
                  ▪ F2 – Produce food ingredients with high nutritional value from aquatic sources |
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<td>Process</td>
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**Note:** a dedicated budget line per Flagship topic
- F1: € 12 million
- F2: € 12 million
### Call 2020 - CSAs

**Feedstock**

- /

**Process**

- /

**Products**

- /

**Market uptake**

- **S1** – Help *start-ups and spin-offs* to gain *access to finance*
- **S2** – Provide insight on *emerging technologies* for biobased value chains
- **S3** – *Create and interlink bio-based education centres* to meet industry’s needs of skills and competences
- **S4** – Expand circular economy to include the *underexploited circular bioeconomy*

**Note:**
- Although all CSA topics fall under the same budget line (total: € 5 million)…
- …max. 1 CSA project can be funded per topic
How to write a good BBI JU proposal?
BBI JU evaluation principles (1/2)

• Horizon 2020 methodology
  – 3 main evaluation criteria: Excellence, Impact, Implementation
  – Scoring: 5 points per criterion, max. score = 15/15
  – Each main criterion: different evaluation subcriteria
  – Differences per type of action (CSA, RIA, IA)

• BBI JU-specific subcriteria
  – Although the same main criteria and all H2020 subcriteria are applicable…
  – …BBI JU also uses some specific subcriteria
BBI JU evaluation principles (2/2)

• Central role of expert-evaluators
  – BBI JU coordinates / moderates evaluations…
  – …but external experts evaluate proposals:
    • First individually / remotely
    • Then collectively / in Brussels
  – BBI JU topics & proposals are often very diverse / broad…
  – …so a ‘big’ and ‘broad’ group of experts is needed
    • ‘big’: 5 experts / proposal (legally: min. 3 required)
    • ‘broad’: diverse expertise needed (science, business, project management,…)
Do you have BBI (JU) expertise?

- Please consider registering as an expert on SEDIA
  - BBI = broad field => different expertise needed!
  - As a BBI JU evaluator, you’ll gain valuable BBI JU / H2020 insights...

- Call 2020 expert-evaluator invitations
  - First invitations will be sent asap after call opening (15 Apr)...
  - ...so if you haven’t registered yet, please do so by 14 Apr 2020 AND e-mail experts@bbi.europa.eu
How to write a good BBI JU proposal?

• Call 2016-2019 Brussels info days
  – «Think like / write for an evaluator»
  – Try to put yourself in the position of an evaluator:
    • Which information would you need to check if the proposal ‘ticks all the boxes’, i.e. is in line with the *(whole)* topic text?
    • How can you best structure this information…?
    • …taking into account the:
      – proposal template
      – page limits (50p for CSAs, 70p for RIA/IA)?

• This presentation:
  – Frequently voiced comments from experts during past evaluations…
  – …and how to proactively solve them
This part is written in a (too) vague / broad way

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The proposal does more than the topic requires

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| (RIA/IA) Consortium own contribution | Understand the BBI JU terminology, and include the 3 potential ‘consortium own contribution’ parts in the correct part of the proposal:  
  • ‘In kind’ contributions = total costs minus total requested funding  
    (→ budget should reflect this)  
  • Financial (in cash’) contributions: to be included in part A (quantification) and part B (section 3.4: qualitative description)  
  • Additional investments: to be included in part A (quantification) and part B (section 3.4: qualitative description) |
<p>| <strong>Implementation</strong>       | /                       |</p>
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« Where is the business case/plan info? »
How to solve the issue? **What is the role of beneficiary X?**

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## How to evaluate the ‘standard requirements’?

- ‘Standard requirements’ for proposals for the different actions
  - Annual Work Plan, Table 3, p. 30-32
  - Per type of action (excl. CSAs): standard requirements, on top of the topic-specific requirements

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| Implementation           |                         |
How to write a good BBI JU proposal?

• Read / use the Annual Work Plan, which contains:
  – Topic texts
  – ‘Standard requirements’ (table 3)
  – A topics glossary (definitions applicable to Call 2020)
  – The evaluation (sub)criteria per type of action (CSA/RIA/IA)

• After call publication in Apr 2020, please also consult:
  – The Guide for Applicants (GfA), which contains examples and the proposal template
  – The Call 2020 ‘FAQ for Applicants’
  – The SIRA (which contains e.g. the definitions of BBI JU KPIs / expected impacts)

• « Think like / write for an evaluator »
Go to www.menti.com and use the code 24 41 71
BBI JU partnering platform (& where to find other info)
BBI JU Partnering Platform

- Database of organisations
- « Find & be found »
- Free
- Accessible via the BBI JU homepage
- Maybe used during 22 Apr 2020 info day for matchmaking / brokerage…
- Since a new tool is being tested
Partner search via SEDIA (1/2)
Partner search via SEDIA (2/2)

- Partner search per BBI JU topic (*after Call publication*)

![Partner search via SEDIA](image-url)
Partner search via SEDIA (2/2)

- Partner search per BBI JU topic *(after Call publication)*

21 Organisations are looking for collaborating partners for this topic

LEARs, Account Administrators or self-registrants can publish partner requests for open and forthcoming topics after logging into this Portal.
BIC networking events

• BIC
  – BIO-based Industries Consortium
  – The private partner of the BBI JU initiative
  – Organises networking, brokerage and other events for its members
  – E.g. BIC matchmaking event 13 Feb 2020, Brussels
  – Other reasons to join BIC
Other useful information *after call publication*

- **Funding & Tender Opportunities Portal (‘SEDIA’)**
  - Register organisations, topic search, proposal submission,...
  - [H2020 online manual](#)

- **BBI JU website**
  - BBI JU-specific info (incl. Guide for Applicants (GfA), a regularly updated FAQ for Applicants,...)
  - Info day 22 Apr 2020: presentations & webstreaming/recording
  - (Link to) BBI Partnering Platform
Thank you!

Contact us

- info@bbi.europa.eu
- www.bbi-europe.eu

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