

# **Metallurgy Europe Call-02-2017**

## **Project Outline Proposal (POP)**

**(Confidential)**

**Call Identifier Code: Met-Euro-Call-02-2017**

**Full Title of Project: XXXX**

**Acronym/Short Name: XXXX**

**Submission Date: DD-MM-2018**

**Coordinating Organisation: XXXX (XX)**

**Technical Coordinator's Signature:**

## **Contents Page**

	Page #
<b>1) Short Abstract</b>	<b>x</b>
<b>2) Project Features</b>	<b>x</b>
<b>3) Coordinator Details</b>	<b>x</b>
<b>4) Proposed Consortium</b>	<b>x</b>
<b>5) Product Description</b>	<b>x</b>
<b>6) Market Outline</b>	<b>x</b>
<b>7) Patent Status</b>	<b>x</b>
<b>8) Value Chain</b>	<b>x</b>
<b>9) Project Objectives</b>	<b>x</b>
<b>10) Technical Strategy</b>	<b>x</b>
<b>11) Work-Package Breakdown</b>	<b>x</b>
<b>12) Cost Estimates per Partner</b>	<b>x</b>
<b>13) Impact on Society</b>	<b>x</b>
<b>14) References</b>	<b>x</b>
<b>15) Annex – Evaluation Criteria for Stage 1</b>	<b>x</b>

## **Proposal Overview**

### **1) Short Abstract:**

**Please describe your project proposal in this box (maximum ½ page):**

XXXX

**Please describe the relevance of your proposal to Metallurgy Europe and its roadmap:**

XXXX

## 2) Project Features:

<b>Estimated total budget (M€):</b>	XX
<b>Estimated person years:</b>	XX
<b>Full duration of project (yrs):</b>	X
<b>Number of partners in team:</b>	XX
<b>Number of countries involved<sup>§</sup>:</b>	XX

<sup>§</sup> minimum two different Eureka member states

## 3) Coordinator Details:

<b>Full Name of Technical Coordinator:</b>	XXXX
<b>Organisation Name:</b>	XXXX
<b>Organisation Address:</b>	XXXX
<b>Email Address:</b>	XXXX
<b>Telephone Number:</b>	XXXX
<b>Website:</b>	XXXX

#### 4) Proposed Consortium:

#	Partner Organisation		Country	Industry / Gov. R&D / University	Company Size (Large or SME?)	Technical Representative
	Full Name	Short Name				
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## 5) Product Description:

*Max. 1 page*

Please describe the new industrial product(s) that this proposal is attempting to deliver.

Please emphasise:

- (i) why this new product is needed,
- (ii) what technical and societal problems it solves, and
- (iii) how it is different to the state-of-the-art technology used today.

## 6) Market Outline:

*Max. 1 page*

Please describe the market status in this particular technical field.

Please identify:

- (i) who the competitors are around the world,
- (ii) how big is the world market for this type of product, and what is the current European share (in %),
- (iii) what is the expected increase in turnover of the European partners, if the product is successfully developed and industrialised,
- (iv) why this proposal offers a competitive edge, from a global perspective.

## 7) Patent Status:

*Max. ½ page*

Please provide a general overview of the patent status and proprietary know-how in this field.

Please identify Europe's position with respect to this IP.

## 8) Value Chain:

*Max. ½ page*

Please provide a schematic diagram of the value chain.



## 9) Project Objectives:

*Max. ½ page*

Please list in bullet-points the main technical objectives of your proposal.

Please ensure your objectives are clear and quantifiable.

- Xxx
- Xxx
- Xxx
- Xxx
- Xxx
- Xxx
- Xxx

## 10) Technical Strategy:

*Max. 2 pages*

Please describe the technical strategy and general planning of your proposal.

Please identify any particular phases of work, as well as the main hardware/software deliverables.

Please identify any linkages with other *Metallurgy Europe* projects/proposals.

## 11) Work-Package Breakdown:

*Max.2 pages*

Please provide a list of the different workpackages (e.g. WP1...WP10)

Please provide a *pictorial* description of the workpackages and how they link together.

Please fill out the WP/partner matrix overleaf (i.e. who does what?)



## 12) Cost Estimates per Partner:

Please provide estimates of resources per partner, for the full duration of the project.

#	Short Name	Number of person years	Labour costs (k€)	Materials costs (k€)	Equipment costs (k€)	Total costs (k€)	Public coverage rate (%)	§ Have the NCP been contacted yet? (y/n)
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§ web-link for National Project Coordinators (NPC): <http://www.eurekanetwork.org/eureka-countries>

## 13) Impact on Society:

*Max. 1 page*

Please provide a layman's description of how this proposal can bring benefits to the average person in society (e.g. less pollution, fuel savings, better healthcare, cheaper products etc.).

*N.B.* This non-confidential text will be published on the *Metallurgy Europe* website, at a later date.

Please describe any public engagement activities that are planned (e.g. open days, lectures, public talks, trade-fairs etc.)

## 14) References:

*Max. ½ page*

Please provide any references, relevant web-links or background information here.

## 15) Annex – Evaluation Criteria for Stage-1

For clarity, the evaluation criteria for the stage-1 Project Outline Proposals (POP) are highlighted in bold green below. N.B. The remaining criteria (in black) will be judged later at the stage-2 evaluation of the Full Project Proposals (FPP).

### 1) Scientific & Technical Quality (10 points)

- **relevance to the specific call and the Metallurgy Europe roadmap**
- **clarity of project objectives, in a quantified way**
- **overall novelty, creativity and originality, beyond the state-of-the-art**
- soundness and coherency of scientific/technical work-plan
- clarity of start and end TRLs

### 2) Quality of Partnership (10 points)

- **quality of individual partners, and quality of team as a whole**
- **European dimension, namely minimum 2 different EMSs**
- **appropriate balance between multinationals, SMEs and academic support**
- technical complementarity and integration between different partners
- good market opportunities for each partner in the value chain

### 3) Industrial Impact (10 points)

- **level of industrial ambition, as well as end-user pull**
- **relevance of project to global market needs**
- **likelihood of making a positive contribution to Europe's GDP**
- speed at which the new product can be brought to the market
- development of a European-autonomous supply chain
- efforts towards normalisation and standardisation (ISO, CEN, ASTM)

### 4) Societal Impact & Engagement (10 points)

- **impact on society and the quality of life of the average citizen**
- **level of public engagement (open days, lectures, trade fairs)**
- PR and communication of results
- training of apprentices and technicians
- company work placements for students and interns

## 5) Management Approach (5 points)

- **clarity and coherency of workpackages, incl. realistic manpower allocation per partner**
- appropriateness of management structure and governance
- management of intellectual property and research data
- risk analysis table
- robustness, in case of partners' withdrawal

## 6) Appropriateness of Budget (5 points)

- **reasonable budget split between partners and tasks**
- **good overall value-for-money**
- **have the National Project Coordinators (NPC) already been contacted?**
- appropriate listing of major cost items (>50k€)
- budget allocation for patenting, design rights and trademarks