

TEAMING FOR EXCELLENCE
actions

HORIZON 2020

Dalibor Drljača

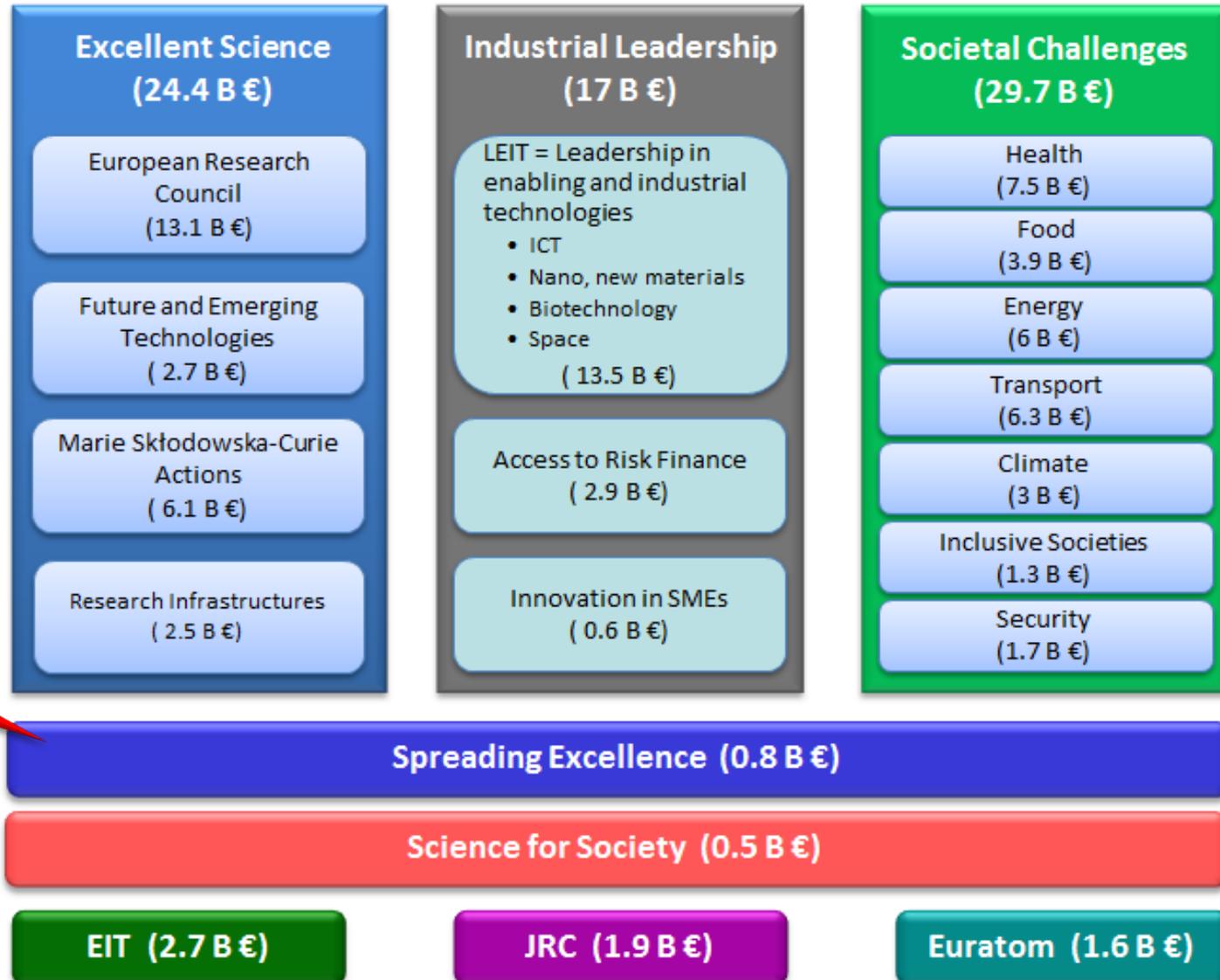


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- ▶ TEAMING FOR EXCELLENCE
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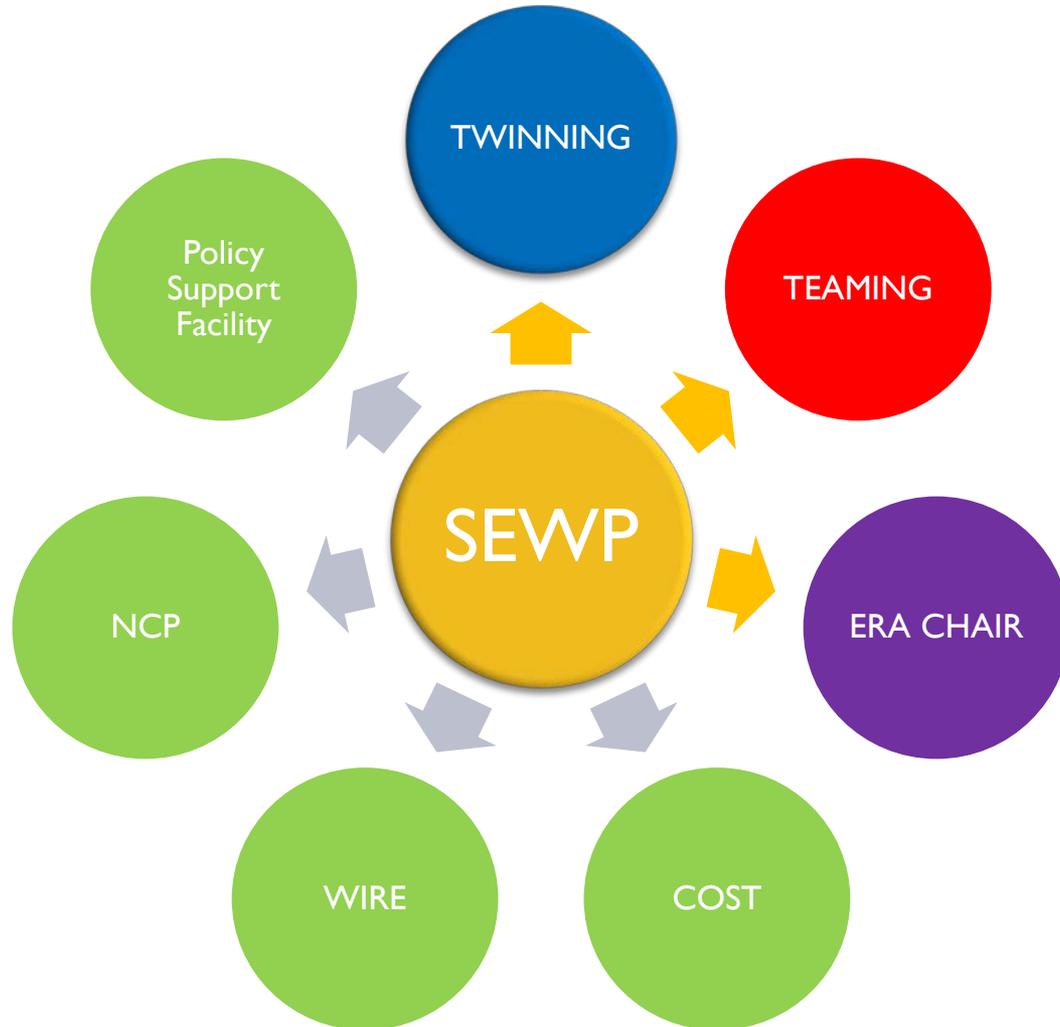


On SWEP specific programme



SPREADING EXCELLENCE
AND WIDENING
PARTICIPATION (SEWP)

Actions funded within SEWP WP2016-17



TEAMING Calls in WP 2016-17

▶ WIDESPREAD-01-2016-2017:Teaming Phase 2

- ▶ Opening date > **15.3.2016**
- ▶ Deadline > **30.8.2016. 17h Brussels time**
- ▶ Planned budget > **89.53 millions EUR (2016)**

- ▶ Opening date > **???**
- ▶ Deadline > **???. 17h Brussels time**
- ▶ Planned budget > **45.47 millions EUR (2017)**

▶ WIDESPREAD-02-2016: Support to JPI Urban Europe

▶ WIDESPREAD-03-2017: ERA Chairs

▶ WIDESPREAD-04-2017:Teaming Phase I

- ▶ Opening date > **11.5.2016!!!**
- ▶ Deadline > **15.11.2016. 17h Brussels time**
- ▶ Planned budget > **12 millions EUR**

▶ WIDESPREAD-05-2017: Twinning



WIDESPREAD-04-2017: Teaming Phase 1



Specific challenge to be resolved

- ▶ **Specific Challenge:** Despite a recent tendency for the **research and innovation performances** of individual countries in the EU to converge, **sharp differences among Member States still remain**. These disparities are due to, among other reasons, the **insufficient critical mass of science and lack of centres of excellence having sufficient competence** to engage countries and regions strategically in a **path of innovative growth**, building on newly developed capabilities. Moreover, by putting national budgets under constraint, the ongoing financial crisis is threatening to widen gaps. **Exploiting the potential of Europe's talent pool by maximising and spreading the benefits of research and innovation** across the Union is vital for **Europe's competitiveness** and its **ability to address societal challenges in the future**. This could help countries and regions that are lagging behind in terms of research and innovation performance **to attain a competitive position** in the global value chains.
- ▶ Teaming will address this challenge by **supporting the creation of new centres of excellence or upgrading the existing ones in low R&I performing countries**, building on **partnerships between leading scientific institutions and partner institutions in low R&I performing countries**, that display the willingness to engage together on this purpose.

Challenge

Details of challenge

Action aim

How?

Scope of challenge

- ▶ **Scope:** Teaming, will involve in principle, two (2) parties:
 - ▶ (1) The main applicant organisation (the coordinator) established in a "Widening country" (see section on specific eligibility criteria for more details) that must be either a national/regional authority or a research funding agency or a university or a research organisation. In case the coordinator organisation is not a public authority, it will need to provide a letter of intent (the Commission will provide a relevant template) to ensure the long-term nature and accountability of Teaming projects.
 - ▶ (2) A university or research organisation with an international reputation in research and innovation excellence.
- ▶ Partner organisations will have to explain clearly their vision for the establishment of a new Centre of Excellence (or the upgrading of an existing one) that would be hosted in the "Widening" country. This will include details on the **long-term science and innovation strategy of the future Centre**, in particular, the **detailed provisions for the good management of the project between the partners**. Furthermore, proposers should include a **clear analysis of how this strategy would fit broadly with the relevant Smart Specialisation Strategy of the Widening country**, where relevant, or an equivalent growth strategy. In the case of an upgrade of an existing centre of excellence, additional information concerning organisation profile, activities and strategy of the centre should be provided.

Min.
Consortia

Action
aim

Action
elements
(WPs)

...Teaming Phase 1

Action duration and main goal

Action's two main sub-goals

Important to address in proposal!!!

Important to address in proposal!!!

Budget per project! Cca. 28-30 grants

- ▶ Under Phase I, successful applicants will receive a **grant that will last for 12 months, to produce an extensive, detailed and robust Business Plan for the setting-up / upgrading of a Centre of Excellence.**
- ▶ Proposers will be asked to demonstrate within their (single) proposal two distinct, yet complementary aspects:
 - ▶ 1. **a long term vision, including a long term science and innovation strategy based on a SWOT analysis**, for the new Centre of Excellence (or the upgrading of an existing one) that would be hosted in the Widening country.
 - ▶ 2. **a 12 month action aimed at producing a detailed and robust business plan for the setting-up/upgrading of the Centre of Excellence** in line with the long term vision.
- ▶ The Teaming **proposal will need to demonstrate that the project is based on a true joint venture between the relevant partners** from both parties. This long term joint venture cooperation is expected to **continue also beyond the duration of the overall Teaming project, with the partners fully committed to continue supporting the new Centre in view of achieving sustainability in the long run and hopefully financial autonomy** (also by successfully competing for European and international funding programmes).
- ▶ The Commission considers that proposals requesting a **contribution from the EU of EUR 0.40 million**, would allow this specific challenge to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting lower amounts.



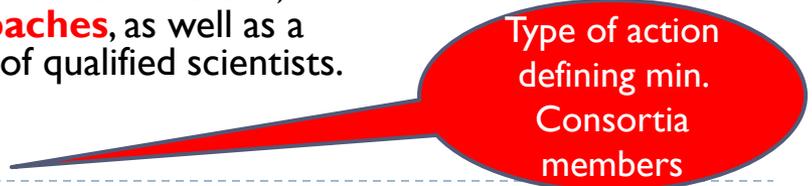
What is expected from Action?

▶ **Expected Impact:**

- ▶ The **creation of new (or significant upgrades of existing) Centres of Excellence in "Widening" Countries** through the Teaming partnerships is expected to:
 - ▶ **increase their scientific capabilities** and enable them to engage in a strategic growth path **pointing to long-term opportunities for economic development**. Potential **links to innovative clusters would be an asset**.
 - ▶ through improved scientific capabilities allow these countries **to improve their chances to seek competitive funding in international fora** (including the EU Framework Programmes).
 - ▶ **over the medium to long term achieve a measurable and significant improvement in terms of research and innovation culture** (as shown through indicators such as research intensity, innovation performance, values and attitudes towards research and innovation) of those countries.
- ▶ The potential impact of the new/upgraded Centre of Excellence in terms of **sustained excellence** should be reinforced through **projected measurable key performance and output related indicators**.
- ▶ Benefits will also accrue to the institutions from the more intensive research and innovation performers, in terms of **access to new research avenues, increased creativity and development of new approaches**, as well as a **source for increased mobility** (inwards and outwards) of qualified scientists.
- ▶ **Type of Action: Coordination and support action**



Important to address in proposal!!!



Type of action defining min. Consortia members

WIDESPREAD-01-2016-2017: Teaming Phase 2



Challenge to meet (same as for Phase 1!!!)

- ▶ **Specific Challenge:** Despite a recent tendency for the **research and innovation performances** of individual countries in the EU to converge, **sharp differences among Member States still remain**. These disparities are due to, among other reasons, the **insufficient critical mass of science and lack of centres of excellence having sufficient competence** to engage countries and regions strategically in a **path of innovative growth**, building on newly developed capabilities. Moreover, by putting national budgets under constraint, the ongoing financial crisis is threatening to widen gaps. **Exploiting the potential of Europe's talent pool by maximising and spreading the benefits of research and innovation** across the Union is vital for **Europe's competitiveness** and its **ability to address societal challenges in the future**. This could help countries and regions that are lagging behind in terms of research and innovation performance **to attain a competitive position** in the global value chains.
- ▶ Teaming will address this challenge by **supporting the creation of new centres of excellence or upgrading the existing ones in low R&I performing countries**, building on **partnerships between leading scientific institutions and partner institutions in low R&I performing countries**, that display the willingness to engage together on this purpose.

Challenge

Details of challenge

Action aim

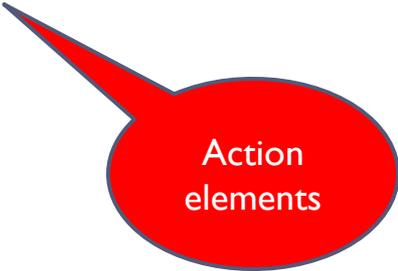
How?

Scope of challenge (different from Ph.1)

- ▶ **Scope: Successful applicants under topic WIDESPREAD-I-2014:** Teaming, of the call H2020-WIDESPREAD-2014 have received a grant to produce an extensive, detailed and robust Business Plan within a timeframe of 12 months for the setting-up/upgrading of a Centre of Excellence. **This Business Plan is expected to be submitted in form of a proposal for Teaming Phase 2**, as explained in detail further below.
- ▶ This proposal (Business Plan) **should demonstrate the potential of the future Centre to develop new (or connect effectively with existing) regional cluster formation and the prospects of the hosting country/region to provide an innovation friendly environment.** The proposal has to include a **letter of commitment** (a template will be provided by the Commission in due time) from the interested national/regional authorities or other private sources **to commit financial resources** (e.g. resources coming from the European Structural and Investment Funds or Instrument for Pre-accession Assistance (IPA II) funds as appropriate,) for implementing the future Centre, **in particular regarding investment in infrastructure and equipment.** A **properly functioning service-oriented administration** that is able to provide the human resources needed to absorb the research and innovation potential of the new/upgraded Centre should **be demonstrated.**



Action aim

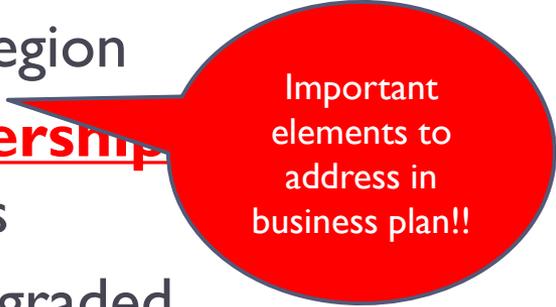


Action elements

...

▶ The proposal (Business Plan) should:

- ▶ **Illustrate the scientific and innovation potential** of the future Centre of Excellence - Demonstrate the growth potential of the Centre of Excellence for the benefit of the country or region
- ▶ **Elaborate on the structure of the partnership** and on the strong engagement of the partners
- ▶ **Demonstrate** how the newly established/upgraded Centre will have **full autonomy in decision making**
- ▶ **Elaborate on the steps** that will be taken **towards** eventual **long term self-sustainability**



Important elements to address in business plan!!



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- ▶ Applicants to the Teaming Phase 2 call for proposals are invited **to submit as a proposal, the Business Plan produced as main deliverable of the grant awarded under topic WIDESPREAD-I-2014: Teaming**, of the call H2020-WIDESPREAD-2014.
- ▶ Following the evaluation of the submitted Teaming Phase 2 proposals, the Commission will enter into a **Specific Grant Agreement** with the highest ranked proposals to provide substantial support for the start-up and implementation phase of the future Centre. This will **cover mainly administrative and operational costs as well as personnel costs of the future Centre of Excellence**. While the **action does not focus on equipment and consumables**, these could be accepted if they constitute only a minor part of the total Horizon 2020 funding requested and may be deemed necessary to fulfil the action's specific scope and objective.
- ▶ For grants awarded under this topic the following cost categories will be **ineligible costs: - infrastructure costs**.
- ▶ The respective option of Article 5.5.C of the Model Grant Agreement will be applied. Such costs are expected to be supported by other types of funding, including where relevant by the European Structural and Investment Funds (ESIF) or the Instrument for Pre-accession Assistance (IPA II) funds.
- ▶ **The duration of a Teaming Phase 2 project will be between 5 to 7 years**.
- ▶ The Commission considers that proposals requesting a **contribution from the EU of EUR 15 million**, would allow this specific challenge to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting lower amounts.



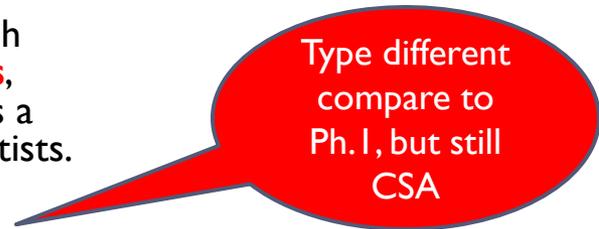
What impact ?(same as in Phase 1!!!)

▶ **Expected Impact:**

- ▶ The **creation of new (or significant upgrades of existing) Centres of Excellence in "Widening" Countries** through the Teaming partnerships is expected to:
 - ▶ **increase their scientific capabilities** and enable them to engage in a strategic growth path **pointing to long-term opportunities for economic development**. Potential **links to innovative clusters would be an asset**.
 - ▶ through improved scientific capabilities allow these countries **to improve their chances to seek competitive funding in international fora** (including the EU Framework Programmes).
 - ▶ **over the medium to long term achieve a measurable and significant improvement in terms of research and innovation culture** (as shown through indicators such as research intensity, innovation performance, values and attitudes towards research and innovation) of those countries.
- ▶ The potential impact of the new/upgraded Centre of Excellence in terms of **sustained excellence** should be reinforced through **projected measurable key performance and output related indicators**.
- ▶ Benefits will also accrue to the institutions from the more intensive research and innovation performers, in terms of **access to new research avenues, increased creativity and development of new approaches**, as well as a **source for increased mobility** (inwards and outwards) of qualified scientists.
- ▶ **Type of Action: Specific Grant agreement and Coordination and Support Action**



Important to address in business plan!!!



Type different compare to Ph. I, but still CSA

WP 2018-19 and TEAMING

- ▶ Once the 12 month CSA under Teaming Phase I is concluded, there will be a **restricted call addressed to the participants successful in Phase I** above for the concrete implementation of the Business Plan, i.e. for the establishment of the new/upgraded centre (Teaming, Phase 2).
 - ▶ The submitted proposals under this restricted call will undergo an independent evaluation, and those **selected for funding will be awarded a CSA grant (Teaming Phase 2)**.
 - ▶ This new grant for Teaming Phase 2 will provide substantial support for the start-up and implementation phase of the future Centre of Excellence. This will cover mainly administrative and operational costs as well as personnel costs of the future Centre of Excellence. While the action does not focus on equipment and consumables, these could be accepted if they constitute only a minor part of the total Horizon 2020 funding requested and may be deemed necessary to fulfil the action's specific scope and objective.
 - ▶ It is to be noted, that Horizon 2020 under the Teaming action will not support infrastructure costs associated with the new or upgraded centre. Such costs are expected to be supported by other types of funding, including where relevant by the European Structural and Investment Funds (ESIF) or the Instrument for Pre-accession Assistance (IPA II) funds.
 - ▶ The duration of a Teaming Phase 2 project may be between 5 to 7 years.
 - ▶ **Further explanations for Teaming Phase 2 will be given in the future Work Programme 2018-2019.**
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TEAMING Consortia (minimum)

EU
Partner I
(MSI)

MUST BE
UNDERPERFORMING
INSTITUTION

Coordinator
(Widening MS/AC)

*Members of the consortium are
required to conclude a consortium
agreement, in principle prior to
the signature of the grant
agreement.*

“Widening countries”

- ▶ The following Member States will be eligible to submit proposals:
 - ▶ Bulgaria, Croatia, Cyprus, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Luxembourg, Malta, Poland, Portugal, Romania, Slovakia and Slovenia
- ▶ The following **Associated Countries** will be eligible to submit proposals:
 - ▶ Albania, **Bosnia and Herzegovina**, Former Yugoslav Republic of Macedonia, Moldova, Montenegro, Serbia and Turkey



EVALUATION CRITERIA



EXCELLENCE

- ▶ **Clarity and pertinence** of the objectives
 - ▶ **Soundness of the concept**, including trans-disciplinary considerations, where relevant
 - ▶ Extent that proposed work is ambitious, has **innovation potential**, and is **beyond the state of the art** (e.g. ground-breaking objectives, novel concepts and approaches)
 - ▶ **Credibility** of the proposed approach
-



1. Excellence

Note: The following aspects will be taken into account, to the extent that the proposed work corresponds to the topic description in the work programme:

- **Clarity and pertinence of the objectives;**
- **Credibility of the proposed approach;**
- **Soundness of the concept, including trans-disciplinary considerations, where relevant;**
- **Extent that proposed work is ambitious, has innovation potential, and is beyond the state of the art (e.g. ground-breaking objectives, novel concepts and approaches).**

Comments:



RIA / IA

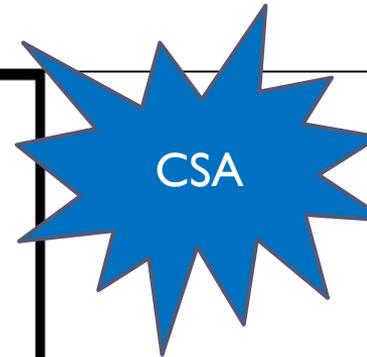
Score 1:
Threshold 3/5

1. Excellence

Note: The following aspects will be taken into account, to the extent that the proposed work corresponds to the topic description in the work programme:

- **Clarity and pertinence of the objectives;**
- **Credibility of the proposed approach;**
- **Soundness of the concept;**
- **Quality of the proposed coordination and/or support measures.**

Comments:



CSA

Score 1:
Threshold 3/5

IMPACT

- ▶ The expected impacts are listed in the VWP under the relevant topic
- ▶ Enhancing innovation capacity and integration of new knowledge
- ▶ **Strengthening the competitiveness** and growth of companies by developing innovations meeting the needs of European and global markets; and, where relevant, by delivering such innovations to the markets
- ▶ Any other environmental and socially important impacts (not already covered above)
- ▶ **Effectiveness of the proposed measures to exploit and disseminate the project results** (including management of IPR), to communicate the project, and to manage research data where relevant
- ▶ **For Innovation actions and the SME instrument, the criterion Impact is given a weight of 1.5 to determine the ranking**



2. Impact

Note: The following aspects will be taken into account, to the extent to which the outputs of the project should contribute at the European and/or International level:

- **The expected impacts listed in the work programme under the relevant topic;**
- Enhancing innovation capacity and integration of new knowledge;
- Strengthening the competitiveness and growth of companies by developing innovations meeting the needs of European and global markets, and where relevant, by delivering such innovations to the markets;
- Any other environmental and socially important impacts;
- Effectiveness of the proposed measures to exploit and disseminate the project results (including management of IPR), to communicate the project, and to manage research data where relevant.

Comments:



RIA / IA

Score 2:
Threshold 3/5

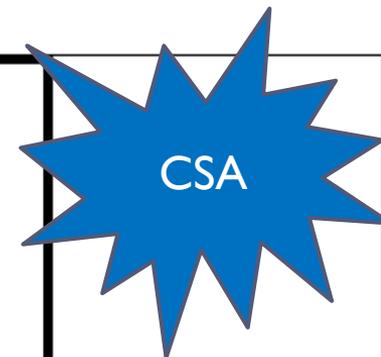
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2. Impact

Note: The following aspects will be taken into account, to the extent to which the outputs of the project should contribute at the European and/or International level:

- **The expected impacts listed in the work programme under the relevant topic;**
- Effectiveness of the proposed measures to exploit and disseminate the project results (including management of IPR), to communicate the project, and to manage research data where relevant.

Comments:



CSA

Score 2:
Threshold 3/5

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IMPLEMENTATION

- ▶ Coherence and effectiveness of the work plan, including appropriateness of the allocation of tasks and resources
- ▶ Complementarity of the participants within the consortium (when relevant)
- ▶ Appropriateness of the management structures and procedures, including risk and innovation management



3. Quality and efficiency of the implementation*

Note: The following aspects will be taken into account:

- Coherence and effectiveness of the work plan, including appropriateness of the allocation of tasks and resources;
- Complementarity of the participants within the consortium (when relevant);
- Appropriateness of the management structures and procedures, including risk and innovation management.

Comments:



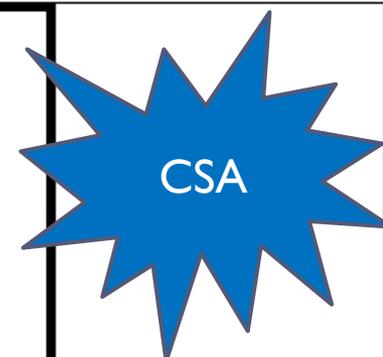
Score 3:
Threshold 3/5

3. Quality and efficiency of the implementation*

Note: The following aspects will be taken into account:

- Coherence and effectiveness of the work plan, including appropriateness of the allocation of tasks and resources;
- Complementarity of the participants within the consortium (when relevant);
- Appropriateness of the management structures and procedures, including risk and innovation management.

Comments:



Score 3:
Threshold 3/5

* Experts will also be asked to assess the operational capacity of applicants to carry out the proposed work.

Dalibor Drljača
NCP MSCA & ERIs
drljacad@gmail.com
www.drljacad.com

