

# **INFRASUPP-03-2016**

**Topic's content support document**

## **Disclaimer:**

This supporting document draws on different documents relevant for the content of INFRASUPP-03-2016 proposals. It has been prepared with great care as aide memoire to help evaluators bear in mind the various elements to be included in the proposals, as described in the Work Programme 2016-17 (WP) and Specific Proposal Template (ST). It also aims at helping evaluators substantiate their assessment. When it comes to filling in the evaluation forms, only the three official evaluation criteria (Excellence, Impact and Implementation) and their explanatory sub-criteria should, however, be replied to.

Please note that this document has no additional legal value. For legal purposes, reference should always be made to the official H2020 documentation listed below.

We encourage evaluators to bring this summary along to the consensus meeting as supporting material.

## **References:**

### **WP Research Infrastructures Work Programme 2016-17**

[http://ec.europa.eu/research/participants/data/ref/h2020/wp/2016\\_2017/main/h2020-wp1617-infrastructures\\_en.pdf](http://ec.europa.eu/research/participants/data/ref/h2020/wp/2016_2017/main/h2020-wp1617-infrastructures_en.pdf)

### **GA General Annexes to the WP**

[http://ec.europa.eu/research/participants/data/ref/h2020/other/wp/2016-2017/annexes/h2020-wp1617-annex-ga\\_en.pdf](http://ec.europa.eu/research/participants/data/ref/h2020/other/wp/2016-2017/annexes/h2020-wp1617-annex-ga_en.pdf)

### **RIA-ST Specific proposal template for INFRASUPP-03-2016 (RIA Action)**

[http://ec.europa.eu/research/participants/data/ref/h2020/other/call\\_ptef/pt/h2020-call-pt-infrasupp-ria-03-2016\\_en.pdf](http://ec.europa.eu/research/participants/data/ref/h2020/other/call_ptef/pt/h2020-call-pt-infrasupp-ria-03-2016_en.pdf)

### **CSA-ST Standard proposal template for INFRASUPP-03-2016 (CSA Action)**

[http://ec.europa.eu/research/participants/data/ref/h2020/call\\_ptef/pt/2016-2017/h2020-call-pt-csa-2016-17\\_en.pdf](http://ec.europa.eu/research/participants/data/ref/h2020/call_ptef/pt/2016-2017/h2020-call-pt-csa-2016-17_en.pdf)

### **DMP Data Management Guidelines**

[http://ec.europa.eu/research/participants/data/ref/h2020/grants\\_manual/hi/oa\\_pilot/h2020-hi-oa-data-mgt\\_en.pdf](http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/hi/oa_pilot/h2020-hi-oa-data-mgt_en.pdf)

### **OA Open Access Guide**

[http://ec.europa.eu/research/participants/data/ref/h2020/grants\\_manual/hi/oa\\_pilot/h2020-hi-oa-pilot-guide\\_en.pdf](http://ec.europa.eu/research/participants/data/ref/h2020/grants_manual/hi/oa_pilot/h2020-hi-oa-pilot-guide_en.pdf)

Topic	<b>INFRASUPP-03-2016</b>
	<b>Support to policies and international cooperation for e-infrastructures</b>
Subtopic:	a) Research and Innovation Actions for International Co-operation on high-end e-infrastructure requirements
Point:	Square Kilometre Array (SKA) Action
Type of Action	RIA

<b>Points related to the EXCELLENCE criterion</b>		
<b>Item</b>	<b>Checklist</b>	<b>Source</b>
1	The objectives of the project have been clearly described.	RIA-ST, page 16
2	The objectives described are measurable, realistic and achievable within the duration of the project and the proposed methodology.	RIA-ST, page 16
3	The objectives of the project are consistent with the expected exploitation and impact of the project.	RIA-ST, page 16
4	The proposal indicates clearly to which topic in the work programme relates, and explains how it addresses the specific challenge and scope of that topic, as set out in the work programme. (The proposal is <b>in/out</b> of scope).	RIA-ST, page 16 WP, pages 55-56
5	<i>-The proposal addresses the definition and testing of the high-speed networking e-infrastructure architecture, components and services to respond to the bandwidth requirements for SKA data dissemination channels.</i>	
6	<i>-The proposal addresses the definition and testing of computational requirements and architectures in terms of High-Performance Computing, distributed computing, storage e-infrastructures and services in order for the scientific community to be able to exploit SKA data.</i>	
7	<i>- The proposal fosters global co-operation on management e-infrastructure and services for the exploitation of SKA data through joint efforts on global interoperability in the context of the Research Data Alliance (RDA).</i>	
8	The proposal describes any national or international research and innovation activities which will be linked with the project, especially where the outputs from these will feed into the project.	RIA-ST, page 16
9	The proposal has considered existing operational services to the greatest extent possible.	RIA-ST, page 16 WP, page 74
10	Service orientation. The project will contribute to the production of a high quality catalogue of services describing the services that they will provide during the lifetime of the project or that they intend to develop during the project.	WP, page 29
11	The proposal describes the extent to which the proposed activities will improve, in quality and/or quantity, the services provided by state of the art e-infrastructures.	RIA-ST, page 17 WP, page 60

12	The proposal describes how the services developed will be made discoverable on-line, searchable in a catalogue of services or digital registry	RIA-ST, page 16 WP, page 74
13	The proposal describes the positioning of the project (e.g. in the spectrum from 'idea to application'). Where relevant the TRL classification is applied.	RIA-ST, page 16
14	The proposal describes adequately, in terms of Networking Activities (NA) & Service Activities (SA), the activities it intends to carry out	RIA-ST, page 16 WP, page 75
15	The activities described in each category (NA, SA & JRA) fit with the definitions provided in the Work Programme (e.g. compliance with TRL guidelines; involvement of SME's...)	

Points related to the IMPACT criterion		
Item	Checklist	Source
16	The proposal describes the extent to which the outputs of the project would contribute to each of the expected impacts mentioned in the Work programme under the relevant topic:	RIA-ST, page 17  GA, page 36 WP, page 57
17	<i>- The proposal will lead to the improvement of co-operation on e-infrastructures with European partners that are joining efforts in major research infrastructure undertakings.</i>	
18	<i>- The proposal will help the identification of benefits of joint technology development, standardisation and sharing risks.</i>	
19	The proposal brings any substantial impacts not mentioned in the work programme that would enhance innovation capacity, create new market opportunities, strengthen competitiveness and growth of companies, address issues related to climate change or the environment, or bring other important benefits for society.	RIA-ST, page 17 GA, page 37
20	The proposal defines Key Performance Indicators (KPI) with which to measure the impact of the action. The proposal describes the collection and how it will make KPIs available in support of operational, technical and socio-economic impact assessment.	WP, pages 29, 75
21	Software development within the project is Open Source development and includes the appropriate licenses. Any deviation is properly justified.	RIA-ST, page 18 WP, page 75
22	The proposal includes quality measures to exploit and disseminate the project results (including management of IPR), and to manage research data where relevant.	RIA-ST, page 17 GA, page 37 WP, page 75
23	The proposal includes quality measures to communicate the project activities to different target audiences.	RIA-ST, page 18 GA, page 37
24	The proposal includes a section on research data management. <b>Note: This is mandatory for all RIA actions. This should not be mixed up with the Data Management Plan (DMP) required by the Open Research Data pilot.</b>	RIA-ST, page 18 DM, page 2

## Points related to the QUALITY & EFFICIENCY OF THE IMPLEMENTATION criterion

Item	Checklist	Source
25	The proposal includes a high quality and effective work plan.	RIA-ST, pages 19-20 GA, page 36
26	Resources assigned to work packages are in line with their objectives and deliverables.	
27	The work plan provides an appropriate allocation of tasks, ensuring that all participants have a valid role and adequate resources in the project to fulfil that role.	RIA-ST, pages 19-20 GA, page 37
28	The proposal describes appropriately the management structures and procedures.	RIA-ST, pages 19-20 GA, pages 36-37
29	The proposal describes appropriately the risk management approach.	
30	The proposal describes appropriately the innovation management approach.	
31	The proposal describes the organisational structure and decision-making mechanisms and explains why they are appropriate to the complexity and scale of the project.	RIA-ST, page 20
32	The proposal addresses the complementarity of the participants and the extent to which the consortium as whole brings together the necessary expertise.	RIA-ST, pages 19-20 GA, page 37
33	<p>The proposal opts out of the Pilot Action on Open Research Data <b>(Y/N)</b>            If <b>NO</b>, the proposal must include a 'data management plan' (DMP) as a distinct deliverable within the first 6 months of the project.</p> <p><b>Note:</b>  <i>a) Participation in the Open Research Data pilot is voluntary. You, as an evaluator, will not consider positively or negatively the participation or not in the pilot, neither the reasons that justify that choice.</i>  <i>b) In this RIA action, all proposals participate by default in the Open Research Data pilot. Proposals opting out must explicitly indicate this choice.</i></p>	RIA-ST, page 20 DM, pages 3-4

Topic	<b>INFRASUPP-03-2016</b>
	<b>Support to policies and international cooperation for e-infrastructures</b>
Subtopic:	b) Coordination and Support actions for international co-operation and policy development
Point:	1. International Co-operation on e-infrastructure supporting major societal challenges
Type of Action:	CSA

<b>Points related to the EXCELLENCE criterion</b>		
<b>Item</b>	<b>Checklist</b>	<b>Source</b>
1	The objectives of the project have been clearly described.	CSA-ST, page 17 GA, page 36
2	The objectives described are measurable, realistic and achievable within the duration of the project and the proposed methodology.	CSA-ST, page 17
3	The objectives of the project are consistent with the expected exploitation and impact of the project.	CSA-ST, page 17
4	The proposal indicates clearly to which topic in the work programme relates, and explains how it addresses the specific challenge and scope of that topic, as set out in the work programme. (The proposal is <b>in/out</b> of scope).	CSA-ST, page 17 WP, page 56
5	<i>- The proposal defines one or more key societal challenge that has significant potential of maximising benefit of e-infrastructure across developing, developed and emerging economies.</i>	
6	<i>- The proposal addresses the organisation of a platform for sharing information and best practices.</i>	
7	<i>- The proposal identifies and explores spin-off and innovation, in particular with the co-operation of developing and developed countries.</i>	
8	The proposal describes any national or international research and innovation activities which will be linked with the project, especially where the outputs from these will feed into the project.	CSA-ST, page 17
9	The proposal includes quality coordination and/or support measures.	CSA-ST, page 17 GA, page 37

Points related to the IMPACT criterion		
Item	Checklist	Source
10	The proposal describes the extent to which the outputs of the project would contribute to each of the expected impacts mentioned in the Work programme under the relevant topic:	CSA-ST, page 18 GA, page 36 WP, page 57
11	<i>- The proposal will exploit the potential for further economic and educational co-operation between Europe and third countries.</i>	
12	<i>- The proposal will improve the identification of areas for further co-operation on scientific development and innovation.</i>	
13	<i>- The proposal will provide mechanisms to assess measurable benefits of co-operation on major societal challenges in the developing countries.</i>	
14	The proposal includes a dissemination plan with quality measures to exploit and disseminate the project results (including management of IPR), and to manage research data where relevant.	CSA-ST, page 18 GA, page 37
15	The proposal includes quality measures to communicate the project activities to different target audiences.	CSA-ST, page 19 GA, page 37 & 38

## Points related to the QUALITY & EFFICIENCY OF THE IMPLEMENTATION criterion

Item	Checklist	Source
16	The proposal includes a high quality and effective work plan.	CSA-ST, pages 20-21 GA, page 36
17	Resources assigned to work packages are in line with their objectives and deliverables.	
18	The work plan provides an appropriate allocation of tasks, ensuring that all participants have a valid role and adequate resources in the project to fulfil that role.	CSA-ST, pages 20-21 GA, page 37
19	The proposal describes appropriately the management structures and procedures.	CSA-ST, pages 20-21 GA, pages 36-37
20	The proposal describes appropriately the risk management approach.	
21	The proposal describes appropriately the innovation management approach.	
22	The proposal describes the organisational structure and decision-making mechanisms and explains why they are appropriate to the complexity and scale of the project.	CSA-ST, page 20
23	The proposal addresses the complementarity of the participants and the extent to which the consortium as whole brings together the necessary expertise.	CSA-ST, page 21 GA, page 37
24	<p>The proposal opts out of the Pilot Action on Open Research Data <b>(Y/N)</b></p> <p>If <b>NO</b>, the proposal must include a 'data management plan' (DMP) as a distinct deliverable within the first 6 months of the project.</p> <p><b>Note:</b></p> <p><b>a) Participation in the Open Research Data pilot is voluntary. You, as an evaluator, will not consider positively or negatively the participation or not in the pilot, neither the reasons that justify that choice.</b></p> <p><b>b) In this RIA action, all proposals participate by default in the Open Research Data pilot. Proposals opting out must explicitly indicate this choice.</b></p>	CSA-ST, page 21 DM, pages 3-4



Topic	<b>INFRASUPP-03-2016</b>
	<b>Support to policies and international cooperation for e-infrastructures</b>
Subtopic:	b) Coordination and Support actions for international co-operation and policy development
Point:	2. Policy support to e-infrastructure programme (e-IRG secretariat Support)
Type of Action:	CSA

<b>Points related to the EXCELLENCE criterion</b>		
<b>Item</b>	<b>Checklist</b>	<b>Source</b>
1	The objectives of the project have been clearly described.	CSA-ST, page 17 GA, page 36
2	The objectives described are measurable, realistic and achievable within the duration of the project and the proposed methodology.	CSA-ST, page 17
3	The objectives of the project are consistent with the expected exploitation and impact of the project.	CSA-ST, page 17
4	The proposal indicates clearly to which topic in the work programme relates, and explains how it addresses the specific challenge and scope of that topic, as set out in the work programme. (The proposal is <b>in/out</b> of scope).	CSA-ST, page 17 WP, page 56
5	<i>- The activities should include the collection and aggregation of relevant policy information with impact on the development of EC-funded e-infrastructures, including KPIs and cost-related information, in coordination with the funded e-infrastructure initiatives and made available in open formats for reuse.</i>	
6	<i>- The collected information will enable the e-IRG with the support of independent expert panels to provide strategic advice on the evolution of the European e-infrastructures landscape and associated costs.</i>	
7	The proposal describes any national or international research and innovation activities which will be linked with the project, especially where the outputs from these will feed into the project.	CSA-ST, page 17
8	The proposal includes quality coordination and/or support measures.	CSA-ST, page 17 GA, page 37

Points related to the IMPACT criterion		
Item	Checklist	Source
9	The proposal describes the extent to which the outputs of the project would contribute to each of the expected impacts mentioned in the Work programme under the relevant topic:	CSA-ST, page 18 GA, page 36 WP, page 57
10	<i>- Proposed actions provide solid ground for future choices for a comprehensive European Research Infrastructure and especially e-infrastructure policy and enable decision making and deployment of e-infrastructures.</i>	
11	<i>- Proposed actions foster collaboration between projects under the H2020 e-infrastructure funding, bringing together all key stakeholders, and enabling finding further synergies towards a harmonised European e-infrastructure approach.</i>	
12	The proposal includes a dissemination plan with quality measures to exploit and disseminate the project results (including management of IPR), and to manage research data where relevant.	CSA-ST, page 18 GA, page 37
13	The proposal includes quality measures to communicate the project activities to different target audiences.	CSA-ST, page 19 GA, page 37 & 38

## Points related to the QUALITY & EFFICIENCY OF THE IMPLEMENTATION criterion

Item	Checklist	Source
14	The proposal includes a high quality and effective work plan.	CSA-ST, pages 20-21 GA, page 36
15	Resources assigned to work packages are in line with their objectives and deliverables.	
16	The work plan provides an appropriate allocation of tasks, ensuring that all participants have a valid role and adequate resources in the project to fulfil that role.	CSA-ST, pages 20-21 GA, page 37
17	The proposal describes appropriately the management structures and procedures.	CSA-ST, pages 20-21 GA, pages 36-37
18	The proposal describes appropriately the risk management approach.	
19	The proposal describes appropriately the innovation management approach.	
20	The proposal describes the organisational structure and decision-making mechanisms and explains why they are appropriate to the complexity and scale of the project.	CSA-ST, page 20
21	The proposal addresses the complementarity of the participants and the extent to which the consortium as whole brings together the necessary expertise.	CSA-ST, page 21 GA, page 37
22	<p>The proposal opts out of the Pilot Action on Open Research Data <b>(Y/N)</b>            If <b>NO</b>, the proposal must include a 'data management plan' (DMP) as a distinct deliverable within the first 6 months of the project.</p> <p><b>Note:</b>  <i>a) Participation in the Open Research Data pilot is voluntary. You, as an evaluator, will not consider positively or negatively the participation or not in the pilot, neither the reasons that justify that choice.</i>  <i>b) In this RIA action, all proposals participate by default in the Open Research Data pilot. Proposals opting out must explicitly indicate this choice.</i></p>	CSA-ST, page 21 DM, pages 3-4

Topic	<b>INFRASUPP-03-2016</b>
	<b>Support to policies and international cooperation for e-infrastructures</b>
Subtopic:	b) Coordination and Support actions for international co-operation and policy development
Point:	3. Support to dissemination for the e-infrastructure programme
Type of Action:	CSA

<b>Points related to the EXCELLENCE criterion</b>		
<b>Item</b>	<b>Checklist</b>	<b>Source</b>
1	The objectives of the project have been clearly described.	CSA-ST, page 17 GA, page 36
2	The objectives described are measurable, realistic and achievable within the duration of the project and the proposed methodology.	CSA-ST, page 17
3	The objectives of the project are consistent with the expected exploitation and impact of the project.	CSA-ST, page 17
4	The proposal indicates clearly to which topic in the work programme relates, and explains how it addresses the specific challenge and scope of that topic, as set out in the work programme. (The proposal is <b>in/out</b> of scope).	CSA-ST, page 17 WP, page 56
5	<i>- The proposal develops and maintains dissemination and collaboration activities for information sharing among projects and stakeholders.</i>	
6	<i>- The action includes a web-portal to convey updated information related to the evolution of e-infrastructures at regional, national and European levels, with a special focus on e-infrastructure projects funded under Horizon 2020.</i>	
7	<i>- The portal presents to experts and the wider public the catalogue of services offered by e-infrastructures as well as service-related KPIs and costs.</i>	
8	<i>- The portal supports monitoring activities on take-up of open science and e-infrastructures policies (e.g. Horizon 2020 Open Research Data Pilot by research communities and citizens, per country, region and research domain).</i>	
9	The proposal describes any national or international research and innovation activities which will be linked with the project, especially where the outputs from these will feed into the project.	CSA-ST, page 17
10	The proposal includes quality coordination and/or support measures.	CSA-ST, page 17 GA, page 37

Points related to the IMPACT criterion		
Item	Checklist	Source
11	The proposal describes the extent to which the outputs of the project would contribute to each of the expected impacts mentioned in the Work programme under the relevant topic:	CSA-ST, page 18 GA, page 36 WP, page 57
12	<i>- The proposal improves awareness and knowledge about priorities of e-Infrastructures activities and strategies increasing the transparency and accountability of the work programme implementation.</i>	
13	The proposal includes a dissemination plan with quality measures to exploit and disseminate the project results (including management of IPR), and to manage research data where relevant.	CSA-ST, page 18 GA, page 37
14	The proposal includes quality measures to communicate the project activities to different target audiences.	CSA-ST, page 19 GA, page 37 & 38

Points related to the QUALITY & EFFICIENCY OF THE IMPLEMENTATION criterion		
Item	Checklist	Source
15	The proposal includes a high quality and effective work plan.	CSA-ST, pages 20-21 GA, page 36
16	Resources assigned to work packages are in line with their objectives and deliverables.	
17	The work plan provides an appropriate allocation of tasks, ensuring that all participants have a valid role and adequate resources in the project to fulfil that role.	CSA-ST, pages 20-21 GA, page 37
18	The proposal describes appropriately the management structures and procedures.	CSA-ST, pages 20-21 GA, pages 36-37
19	The proposal describes appropriately the risk management approach.	
20	The proposal describes appropriately the innovation management approach.	
21	The proposal describes the organisational structure and decision-making mechanisms and explains why they are appropriate to the complexity and scale of the project.	CSA-ST, page 20
22	The proposal addresses the complementarity of the participants and the extent to which the consortium as whole brings together the necessary expertise.	CSA-ST, page 21 GA, page 37
23	<p>The proposal opts out of the Pilot Action on Open Research Data <b>(Y/N)</b> If <b>NO</b>, the proposal must include a 'data management plan' (DMP) as a distinct deliverable within the first 6 months of the project.</p> <p><b>Note:</b></p> <p><b>a) Participation in the Open Research Data pilot is voluntary. You, as an evaluator, will not consider positively or negatively the participation or not in the pilot, neither the reasons that justify that choice.</b></p> <p><b>b) In this RIA action, all proposals participate by default in the Open Research Data pilot. Proposals opting out must explicitly indicate this choice.</b></p>	CSA-ST, page 21 DM, pages 3-4

Topic	<b>INFRASUPP-03-2016</b>
	<b>Support to policies and international cooperation for e-infrastructures</b>
Subtopic:	b) Coordination and Support actions for international co-operation and policy development
Point:	4. Support to small-size foresight roadmaps for the e-infrastructure programme
Type of Action:	CSA

<b>Points related to the EXCELLENCE criterion</b>		
<b>Item</b>	<b>Checklist</b>	<b>Source</b>
1	The objectives of the project have been clearly described.	CSA-ST, page 17 GA, page 36
2	The objectives described are measurable, realistic and achievable within the duration of the project and the proposed methodology.	CSA-ST, page 17
3	The objectives of the project are consistent with the expected exploitation and impact of the project.	CSA-ST, page 17
4	The proposal indicates clearly to which topic in the work programme relates, and explains how it addresses the specific challenge and scope of that topic, as set out in the work programme. (The proposal is <b>in/out</b> of scope).	CSA-ST, page 17 WP, page 56
5	<i>- The proposal supports small-size foresight roadmaps for research and education communities and operators of e-infrastructure services to define long-term requirements, community-building and identification of potential collaboration from stakeholders across different geographic areas and scientific domains.</i>	
6	The proposal describes any national or international research and innovation activities which will be linked with the project, especially where the outputs from these will feed into the project.	CSA-ST, page 17
7	The proposal includes quality coordination and/or support measures.	CSA-ST, page 17 GA, page 37

Points related to the IMPACT criterion		
Item	Checklist	Source
8	The proposal describes the extent to which the outputs of the project would contribute to each of the expected impacts mentioned in the Work programme under the relevant topic:	CSA-ST, page 18
9	<i>- The proposal improves the knowledge base for setting long-term e-infrastructure strategies and objectives.</i>	GA, page 36 WP, page 57
10	The proposal includes a dissemination plan with quality measures to exploit and disseminate the project results (including management of IPR), and to manage research data where relevant.	CSA-ST, page 18 GA, page 37
11	The proposal includes quality measures to communicate the project activities to different target audiences.	CSA-ST, page 19 GA, page 37 & 38

Points related to the QUALITY & EFFICIENCY OF THE IMPLEMENTATION criterion		
Item	Checklist	Source
12	The proposal includes a high quality and effective work plan.	CSA-ST, pages 20-21 GA, page 36
13	Resources assigned to work packages are in line with their objectives and deliverables.	
14	The work plan provides an appropriate allocation of tasks, ensuring that all participants have a valid role and adequate resources in the project to fulfil that role.	CSA-ST, pages 20-21 GA, page 37
15	The proposal describes appropriately the management structures and procedures.	CSA-ST, pages 20-21 GA, pages 36-37
16	The proposal describes appropriately the risk management approach.	
17	The proposal describes appropriately the innovation management approach.	
18	The proposal describes the organisational structure and decision-making mechanisms and explains why they are appropriate to the complexity and scale of the project.	CSA-ST, page 20
19	The proposal addresses the complementarity of the participants and the extent to which the consortium as whole brings together the necessary expertise.	CSA-ST, page 21 GA, page 37
20	<p>The proposal opts out of the Pilot Action on Open Research Data (Y/N) If <b>NO</b>, the proposal must include a 'data management plan' (DMP) as a distinct deliverable within the first 6 months of the project.</p> <p><b>Note:</b></p> <p><b>a) Participation in the Open Research Data pilot is voluntary. You, as an evaluator, will not consider positively or negatively the participation or not in the pilot, neither the reasons that justify that choice.</b></p> <p><b>b) In this RIA action, all proposals participate by default in the Open Research Data pilot. Proposals opting out must explicitly indicate this choice.</b></p>	CSA-ST, page 21 DM, pages 3-4