

Integrated Project

ICT FP7-ICT-2012-8

Investigating really important research topics

Acronym: **IRIR**

Date of Preparation: March 3, 2012

Work program topics addressed: Objective ICT-2011.1.1 Future Networks

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Participant no.	Participant organisation	Short name	Country
1	A Broad Company	ABC	FR
2	Important Small Company	ISC	FI
3	University Everywhere	UE	DE

Proposal Abstract

Here goes the text for the proposal abstract. Up to 2000 words as specified by commission.

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List of Corrections

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1. Scientific and Technical Quality

MAximum length for the whole of Section 1 – twenty pages, not including the tables in Section 1.3

1.1. Concept and Objectives

Explain the concept of your project. What are the main ideas that led you to propose this work? Describe in detail the S&T objectives. Show how they relate to the topics addressed by the call. The objectives should be those achievable within the project, not through subsequent development. They should be stated in a measurable and verifiable form, including through the milestones that will be indicated under Section 1.3 below.

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- This is **boldface** and now
- this is *italics*

We can also include figures using normal Wiki syntax and have the figure show up in the PDF file. . Sadly, moimoin does not allow syntax extension of attachment links, so we have to do this rather crudely, in the twiki style:

And a little table, we can provide some hints on proper layouting of the columns.

Column A	Column B	Column C
1	2	3
4	5	6

This text comes after the table.

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1.2. Progress beyond the State of the Art

The state-of-the-art in the area concerned, and the advance that the proposed project would bring about. If applicable, refer to the results of any patent search you might have carried out.



Figure 1.1.: The main objectives of the Test project

1.3. Scientific/Technical Methodology and Associated Work Plan

A detailed work plan should be presented, broken down into work packages¹ (TASKs) which should follow the logical phases of the implementation of the project, and include consortium management and assessment of progress and results. (Please note that your overall approach to management will be described later, in Section 2). Please present your plans as follows:

1. Describe the overall strategy of the work plan.
2. Show the timing of the different TASKs and their components (Gantt chart or similar).
3. Provide a detailed work description broken down into work packages:
 - a) work package list
 - b) deliverables list
 - c) list of milestones
 - d) description of each work package
 - e) summary effort table
4. Provide a graphical presentation of the components showing their interdependencies (Pert diagram or similar)
5. Describe any significant risks, and associated contingency plans

Note: The number of work packages used must be appropriate to the complexity of the work and the overall value of the proposed project. The planning should be sufficiently detailed to justify the proposed effort and allow progress monitoring by the Commission.

1.3.1. Work Planning

Give a short high-level introduction to how the work in the project should proceed, explain Table 1.1. In the table below indicate one activity per work package: *RTD* = Research and technological development (including any activities to prepare for the dissemination and/or exploitation of project results, and coordination activities); *DEM* = Demonstration; *MGT* = Management of the consortium; *OTHER* = Other specific activities, if applicable in this call.

Table 1.1.: Summary table of all work packages

WP No.	WP name	Type of activity	Lead part. no.	Lead short name	Person-months	Start month	End month
WP 1	Project Management	MGMT	2	ISC	25	1	24
WP 2	Architecture Innovations	RTD	1	ABC	36	1	20
Total:					61		

¹A work package is a major sub-division of the proposed project with a verifiable end-point — normally a deliverable or a milestone in the overall project.

Table 1.2.: List of all deliverables and milestones shown in Figure 1.2

- **D 1.1:** A research plan description
- **D 2.1:** Initial architecture description
- **D 2.2:** Improved architecture description
- **M 1.1:** Website goes public
- **M 2.1:** Architecture description format chosen

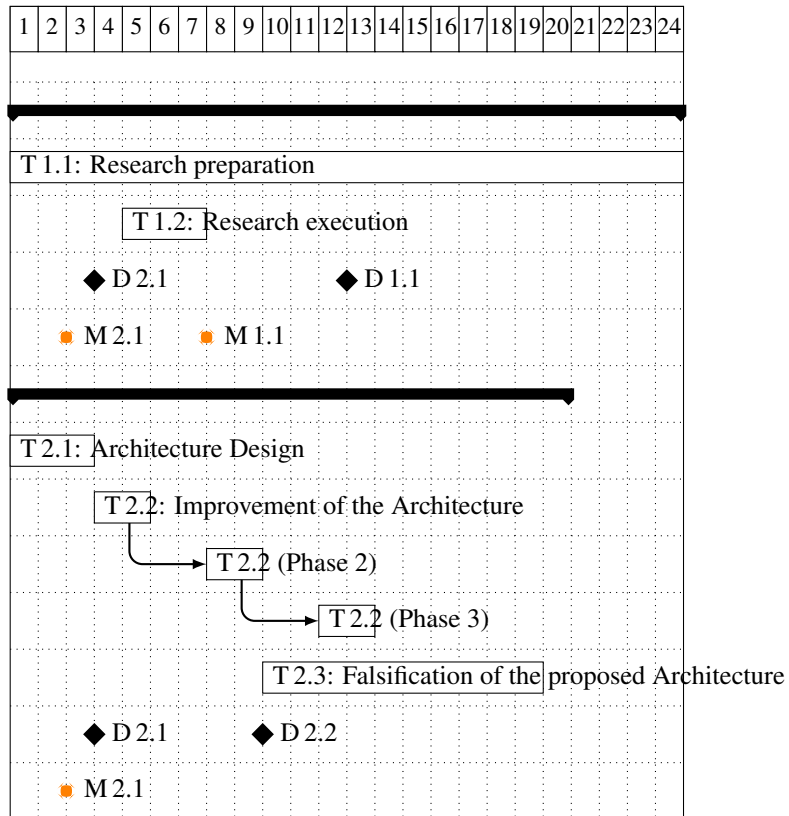


Figure 1.2.: Overall Gantt chart for the entire project, showing all tasks, deliverables, and milestones (legend in Table 1.2)

1.3.2. Deliverables

Milestones are **control points** where decisions are needed with regard to the next stage of the project. For example, a milestone may occur when a major result has been achieved, if its successful attainment is a required for the next phase of work. Another example would be a point when the consortium must decide which of several technologies to adopt for further development.

All deliverables for the project are summarized in Table 1.3. The milestones are listed in Table 1.4.

Table 1.3.: Summary of all deliverables (Nature: O=Other, P=Prototype, R=Report; Dissemination: PU=Public, RE=Restricted, CO=Confidential)

Number	Title	Due date	Nature	Diss.	Contributing task(s)
D 2.1	Initial architecture description	3	R	PU	T 1.1, T 2.1
D 2.2	Improved architecture description	9	R	PU	T 2.2
D 1.1	A research plan description	12	R	PU	T 1.1, T 1.2

Table 1.4.: Summary of all milestones

Number	Title	Due date	Means of verification	Contributing task(s)
M 2.1	Architecture description format chosen	2	Formal technique communicated to all partners	T 1.2, T 2.1
M 1.1	Website goes public	7	Website can be accessed	T 1.2

Table 1.4 ends

1.3.3. Work Packages

Workpackage no.	1	Start date: M 1						
Title	Project Management							
Activity type	MGMT							
Part. no.	1	2	3					
Short name	ABC	ISC	UE					
Effort	15	0	10					

Objectives of Workpackage 1: The objectives of this workpage are Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla urna. Maecenas interdum nunc in augue. Mauris quis massa in ante tincidunt mollis. Proin imperdiet. Donec porttitor pede id est. Sed in ante. Integer id arcu. Nam lectus nisl, posuere sit amet, imperdiet ut, tristique ac, lorem. In erat. In commodo enim. Phasellus libero ipsum, tempor a, pharetra consequat, pellentesque sit amet, sem. Praesent ut augue luctus elit adipiscing ultricies. Vestibulum suscipit cursus leo. Nullam molestie justo.

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Tasks of Workpackage 1:

T 1.1: Research preparation (M 1 – M 24)

Contributing partners: ABC, ISC, UE

Contributing to Deliverables: D 1.1, D 2.1

T 1.2: Research execution (M 5 – M 7)

Contributing partners: ABC, ISC, UE

Contributing to Deliverables: D 1.1

Contributing to Milestones: M 1.1, M 2.1

Lead partners are shown in bold.

Description of Workpackage 1: (workpackage leader: ISC) Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla urna. Maecenas interdum nunc in augue. Mauris quis massa in ante tincidunt mollis. Proin imperdiet. Donec porttitor pede id est. Sed in ante. Integer id arcu. Nam lectus nisl, posuere sit amet, imperdiet ut, tristique ac, lorem. In erat. In commodo enim. Phasellus libero ipsum, tempor a, pharetra consequat, pellentesque sit amet, sem. Praesent ut augue luctus elit adipiscing ultricies. Vestibulum suscipit cursus leo. Nullam molestie justo.

Description of Task T 1.1: Research preparation (Task leader: UE)

Task objectives: Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla urna. Maecenas interdum nunc in augue. Mauris quis massa in ante tincidunt mollis. Proin imperdiet. Donec porttitor pede id est. Sed in ante. Integer id arcu. Nam lectus nisl, posuere sit amet, imperdiet ut, tristique ac, lorem. In erat. In commodo enim. Phasellus libero ipsum, tempor a, pharetra consequat, pellentesque sit amet, sem. Praesent ut augue luctus elit adipiscing ultricies. Vestibulum suscipit cursus leo. Nullam molestie justo.

- Objective one for a task
- Objective two for a task
- Objective three for a task

Description of work: Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla urna. Maecenas interdum nunc in augue. Mauris quis massa in ante tincidunt mollis. Proin imperdiet. Donec porttitor pede id est. Sed in ante. Integer id arcu. Nam lectus nisl, posuere sit amet, imperdiet ut, tristique ac, lorem. In

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Deliverables contributed to by Task T 1.1:

Del. no.	Deliverable name	Due
D 1.1	A research plan description	M 12
D 2.1	Initial architecture description	M 3

Partners contributing to this task: ABC, UE

Description of Task T 1.2: Research execution (Task leader: ISC)

Task objectives: Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla urna. Maecenas interdum nunc in augue. Mauris quis massa in ante tincidunt mollis. Proin imperdiet. Donec porttitor pede id est. Sed in ante. Integer id arcu. Nam lectus nisl, posuere sit amet, imperdiet ut, tristique ac, lorem. In erat. In commodo enim. Phasellus libero ipsum, tempor a, pharetra consequat, pellentesque sit amet, sem. Praesent ut augue luctus elit adipiscing ultricies. Vestibulum suscipit cursus leo. Nullam molestie justo.

- Objective one for a task
- Objective two for a task
- Objective three for a task

Description of work: Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla urna. Maecenas interdum nunc in augue. Mauris quis massa in ante tincidunt mollis. Proin imperdiet. Donec porttitor pede id est. Sed in ante. Integer id arcu. Nam lectus nisl, posuere sit amet, imperdiet ut, tristique ac, lorem. In erat. In commodo enim. Phasellus libero ipsum, tempor a, pharetra consequat, pellentesque sit amet, sem. Praesent ut augue luctus elit adipiscing ultricies. Vestibulum suscipit cursus leo. Nullam molestie justo.

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Deliverables contributed to by Task T 1.2:

Del. no.	Deliverable name	Due
D 1.1	A research plan description	M 12

Milestones contributed to by Task T 1.2:

MS. no.	Milestone name	Due
M 1.1	Website goes public	M 7
M 2.1	Architecture description format chosen	M 2

Partners contributing to this task: ABC, UE

Deliverables for Workpackage 1:

D 1.1: A research plan description (M12)

Contributing tasks: T 1.1, T 1.2

Contributing partners: ABC, ISC, UE

Brief description: A complete research plan to be followed for the remained of the project is described.

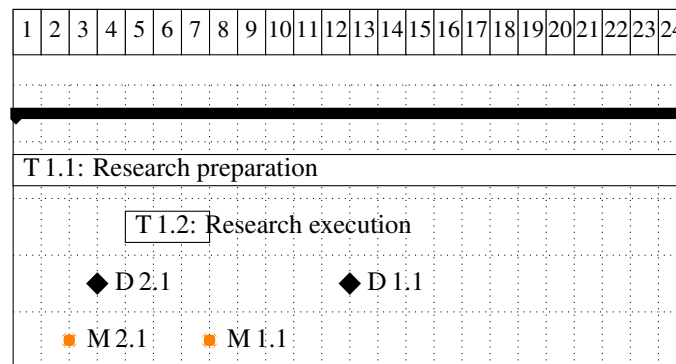
Milestones for Workpackage 1:

M 1.1: Website goes public (M7)

Contributing tasks: T 1.2

Contributing partners: **ABC**

Brief description: Website for the project is ready



- **D 1.1:** A research plan description
- **D 2.1:** Initial architecture description
- **M 1.1:** Website goes public
- **M 2.1:** Architecture description format chosen

Figure 1.3.: Gantt chart for Work package 1: Management

Workpackage no.	2	Start date: M 1						
Title	Architecture Innovations							
Activity type	RTD							
Part. no.	1	2	3					
Short name	ABC	ISC	UE					
Effort	15	8	13					

Objectives of Workpackage 2: The objectives of this workpage are Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla urna. Maecenas interdum nunc in augue. Mauris quis massa in ante tincidunt mollis. Proin imperdiet. Donec porttitor pede id est. Sed in ante. Integer id arcu. Nam lectus nisl, posuere sit amet, imperdiet ut, tristique ac, lorem. In erat. In commodo enim. Phasellus libero ipsum, tempor a, pharetra consequat, pellentesque sit amet, sem. Praesent ut augue luctus elit adipiscing ultricies. Vestibulum suscipit cursus leo. Nullam molestie justo.

Tasks of Workpackage 2:

- T2.1:** Architecture Design (M 1 – M 3)
Contributing partners: **ABC**, ISC, **UE**
Contributing to Deliverables: D 2.1
Contributing to Milestones: M 2.1
- T2.2:** Improvement of the Architecture (M 4 – M 5, M 8 – M 9, M 12 – M 13)
Contributing partners: **ABC**, ISC, UE
Contributing to Deliverables: D 2.2
- T2.3:** Falsification of the proposed Architecture (M 10 – M 19)
Contributing partners: ABC, **ISC**, UE

Lead partners are shown in bold.

Description of Workpackage 2: (workpackage leader: ABC) Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla urna. Maecenas interdum nunc in augue. Mauris quis massa in ante tincidunt mollis. Proin imperdiet. Donec porttitor pede id est. Sed in ante. Integer id arcu. Nam lectus nisl, posuere sit amet, imperdiet ut, tristique ac, lorem. In erat. In commodo enim. Phasellus libero ipsum, tempor a, pharetra consequat, pellentesque sit amet, sem. Praesent ut augue luctus elit adipiscing ultricies. Vestibulum suscipit cursus leo. Nullam molestie justo.

Description of Task T 2.1: Architecture Design (Task leader: UE)

Task objectives: Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla urna. Maecenas interdum nunc in augue. Mauris quis massa in ante tincidunt mollis. Proin imperdiet. Donec porttitor pede id est. Sed in ante. Integer id arcu. Nam lectus nisl, posuere sit amet, imperdiet ut, tristique ac, lorem. In erat. In commodo enim. Phasellus libero ipsum, tempor a, pharetra consequat, pellentesque sit amet, sem. Praesent ut augue luctus elit adipiscing ultricies. Vestibulum suscipit cursus leo. Nullam molestie justo.

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- Objective three for a task

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Deliverables contributed to by Task T 2.1:

Del. no.	Deliverable name	Due
D 2.1	Initial architecture description	M 3

Milestones contributed to by Task T 2.1:

MS. no.	Milestone name	Due
M 2.1	Architecture description format chosen	M 2

Partners contributing to this task: ABC, UE

Description of Task T 2.2: Improvement of the Architecture (Task leader: ABC)

Task objectives: Some objectives for another task. Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla urna. Maecenas interdum nunc in augue. Mauris quis massa in ante tincidunt mollis. Proin imperdiet. Donec porttitor pede id est. Sed in ante. Integer id arcu. Nam lectus nisl, posuere sit amet, imperdiet ut, tristique ac, lorem. In erat. In commodo enim. Phasellus libero ipsum, tempor a, pharetra consequat, pellentesque sit amet, sem. Praesent ut augue luctus elit adipiscing ultricies. Vestibulum suscipit cursus leo. Nullam molestie justo.

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Deliverables contributed to by Task T 2.2:

Del. no.	Deliverable name	Due
D 2.2	Improved architecture description	M 9

Partners contributing to this task: ABC, UE

Description of Task T 2.3: Falsification of the proposed Architecture (Task leader: ISC)

Task objectives: Falsify the proposed architecture.

Description of work: We will do everything we can to falsify the architecture that we proposed.

Partners contributing to this task: UE, ISC

Deliverables for Workpackage 2:

D 2.1: Initial architecture description (M 3)

Contributing tasks: T 1.1, T 2.1

Contributing partners: **ABC**, UE

Brief description: The initial version of the architecture is described in the chosen formal description technique

D 2.2: Improved architecture description (M 9)

Contributing tasks: T 2.2

Contributing partners: **ABC**, UE

Brief description: Based on experiences with the initial architecture, an updated and improved version is described.

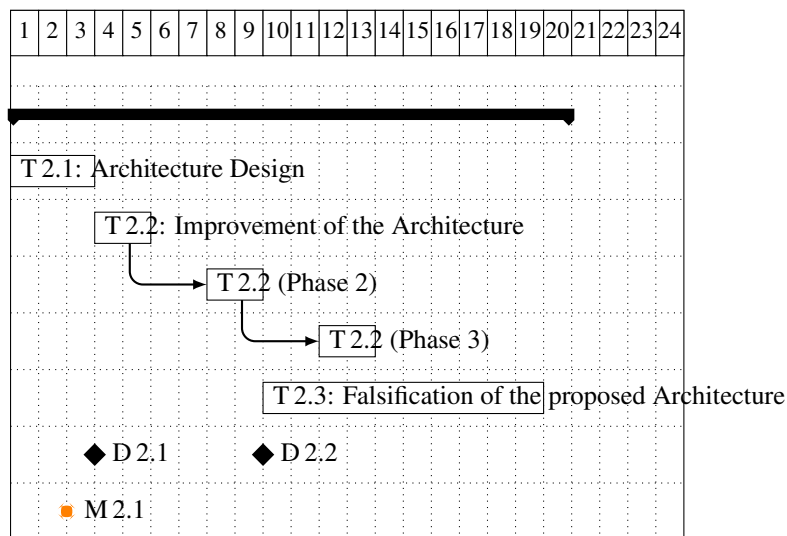
Milestones for Workpackage 2:

M 2.1: Architecture description format chosen (M 2)

Contributing tasks: T 1.2, T 2.1

Contributing partners: **ABC**

Brief description: To ensure a precise communication of architectures, this milestone will select the proper formal description technique



- **D 2.1:** Initial architecture description
- **D 2.2:** Improved architecture description
- **M 2.1:** Architecture description format chosen

Figure 1.4.: Gantt chart for Work package 2: Architecture

Table 1.5.: Summary of all effort over all partners and workpackages

Partner	WP 1	WP 2	Total
ABC	15	15	30
UE	10	13	23
ISC	0	8	8
Total	25	36	61

Table 1.6.: Effort per tasks and partners for entire project (in personmonths)

Task	Task name	Total PM	ABC	UE	ISC
T 1.1	Research preparation	13	10	3	0
T 1.2	Research execution	12	5	7	0
WP 1:		25	15	10	0
T 2.1	Architecture Design	13	10	3	0
T 2.2	Improvement of the Architecture	12	5	7	0
T 2.3	Falsification of the proposed Architecture	11	0	3	8
WP 2:		36	15	13	8
Project total:		61	30	23	8

Table 1.6 ends

2. Implementation

2.1. Management Structure and Procedures

Describe the organisational structure and decision-making mechanisms of the project. Show how they are matched to the complexity and scale of the project. Maximum length for management structure: 5 pages.

2.2. Individual Participants

For each participant in the proposed project, provide a brief description of the organisation, the main tasks they have been attributed, and the previous experience relevant to those tasks. Provide also a short profile of the staff members who will be undertaking the work.

Maximum length for Section 2.2: one page per participant. However, where two or more departments within an organisation have quite distinct roles within the proposal, one page per department is acceptable. The maximum length applying to a legal entity composed of several members, each of which is a separate legal entity (for example an EEIG), is one page per member, provided that the members have quite distinct roles within the proposal.

2.2.1. A Broad Company (ABC)

2.2.1.1. Partner organization

For each participant in the proposed project, provide a brief description of the organisation, the main tasks they have been attributed, and the previous experience relevant to those tasks. Provide also a short profile of the staff members who will be undertaking the work. Maximum length for Section 2.2: one page per participant. However, where two or more departments within an organisation have quite distinct roles within the proposal, one page per department is acceptable. The maximum length applying to a legal entity composed of several members, each of which is a separate legal entity (for example an EEIG), is one page per member, provided that the members have quite distinct roles within the proposal.

Partner ABC will make considerable contributions to the project. Umlaut test: äöü é è ß

2.2.1.2. Individual researchers

Peter Pan is the key researcher.

2.2.2. University Everywhere (UE)

2.2.2.1. Partner organization

For each participant in the proposed project, provide a brief description of the organisation, the main tasks they have been attributed, and the previous experience relevant to those tasks. Provide also a short profile of the staff members who will be undertaking the work. Maximum length for Section 2.2: one page per participant. However, where two or more departments within an organisation have quite distinct roles within the proposal, one page per department is acceptable. The maximum length applying to a legal entity composed of several members, each of which is a separate legal entity (for example an EEIG), is one page per member, provided that the members have quite distinct roles within the proposal.

Partner UE is indispensable.

2.2.2.2. Individual researchers

Captain Hook will act as the main devil's advocate in the project to ensure critical distance.

2.2.3. Important Small Company (ISC)

2.2.3.1. Partner organization

For each participant in the proposed project, provide a brief description of the organisation, the main tasks they have been attributed, and the previous experience relevant to those tasks. Provide also a short profile of the staff members who will be undertaking the work. Maximum length for Section 2.2: one page per participant. However, where two or more departments within an organisation have quite distinct roles within the proposal, one page per department is acceptable. The maximum length applying to a legal entity composed of several members, each of which is a separate legal entity (for example an EEIG), is one page per member, provided that the members have quite distinct roles within the proposal.

Since ISC represents small/medium enterprises, they will provide the reality checks of the results.

2.2.3.2. Individual researchers

Wendy Darling will provide this sense of realism.

2.3. Consortium as a whole

Describe how the participants collectively constitute a consortium capable of achieving the project objectives, and how they are suited and are committed to the tasks assigned to them. Show the complementarity between participants. Explain how the composition of the consortium is well-balanced in relation to the objectives of the project. If appropriate describe the industrial/commercial involvement to ensure exploitation of the results. Show how the opportunity of involving SMEs has been addressed. No maximum length for Section 2.3 – depends on the size and complexity of the consortium

2.3.1. Subcontracting

If any part of the work is to be sub-contracted by the participant responsible for it, describe the work involved and explain why a sub-contract approach has been chosen for it. Maximum length for the whole of Section 3 – ten pages

2.3.2. Other Countries

If a one or more of the participants requesting EU funding is based outside of the EU Member states, Associated countries and the list of International Cooperation Partner Countries¹, explain in terms of the project's objectives why such funding would be essential.

2.3.3. Additional Partners

If there are as-yet-unidentified participants in the project, the expected competences, the role of the potential participants and their integration into the running project should be described

2.4. Resources to be Committed

Describe how the totality of the necessary resources will be mobilised, including any resources that will complement the EC contribution. Show how the resources will be integrated in a coherent way, and show how the overall financial plan for the project is adequate. In addition to the costs indicated on form A3 of the proposal, and the staff effort shown in Section 1.3 above, please identify any other major costs (e.g. equipment). Maximum length for Section 2.4 – two pages.

¹See CORDIS web-site, and annex 1 of the work programme.

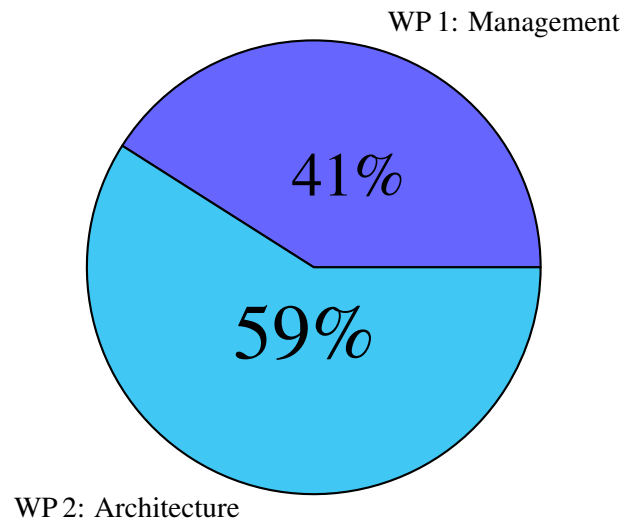


Figure 2.1.: Distribution of person months over work packages (in percent)

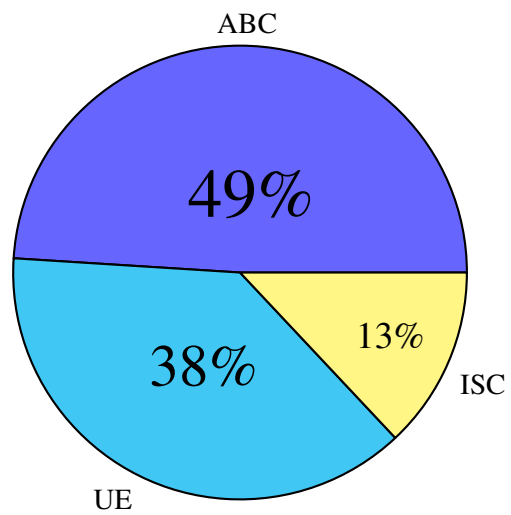


Figure 2.2.: Distribution of person months over partners (in percent)

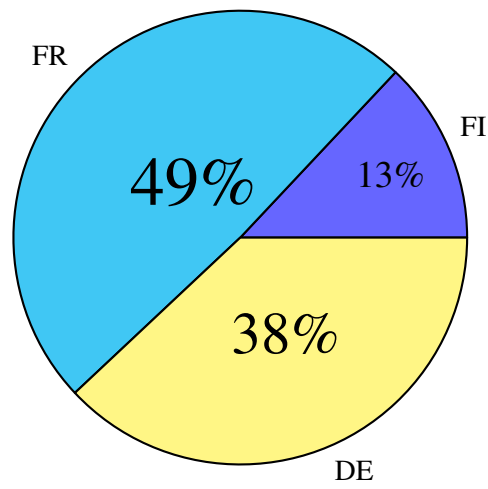


Figure 2.3.: Distribution of person months over nations (in percent)

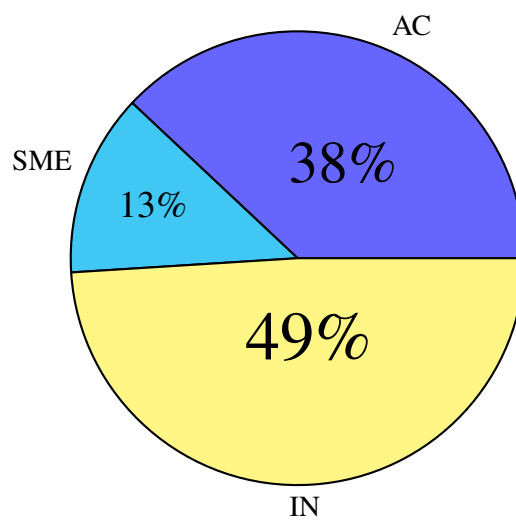


Figure 2.4.: Distribution of partner types over nations (in percent)

3. Impact

Recommended length for the whole of Section 3 — ten pages

3.1. Expected Impact Listed in the Work Programme

Describe how your project will contribute towards the expected impacts listed in the work programme in relation to the topic or topics in question. Mention the steps that will be needed to bring about these impacts. Explain why this contribution requires a European (rather than a national or local) approach. Indicate how account is taken of other national or international research activities. Mention any assumptions and external factors that may determine whether the impacts will be achieved.

3.2. Dissemination and Exploitation of Project Results

Describe the measures you propose for the dissemination and/or exploitation of project results, and how these will increase the impact of the project. In designing these measures, you should take into account a variety of communication means and target groups as appropriate (e.g. policy-makers, interest groups, media and the public at large). For more information on communication guidance, see http://ec.europa.eu/research/science-society/science-communication/index_en.htm. Describe also your plans for the management of knowledge (intellectual property) acquired in the course of the project.

4. Ethical Issues

Describe any ethical issues that may arise in the project. In particular, you should explain the benefit and burden of the experiments and the effects it may have on the research subject. Identify the countries where research will be undertaken and which ethical committees and regulatory organisations will need to be approached during the life of the project.

Include the Ethical issues table below. If you indicate YES to any issue, please identify the pages in the proposal where this ethical issue is described. Answering 'YES' to some of these boxes does not automatically lead to an ethical review¹. It enables the independent experts to decide if an ethical review is required. If you are sure that none of the issues apply to your proposal, simply tick the YES box in the last row.

In particular: Data protection issues: Avoid the unnecessary collection and use of personal data. Identify the source of the data, describing whether it is collected as part of the research or is previously collected data being used. Consider issues of informed consent for any data being used. Describe how personal identify of the data is protected. Data protection issues require authorisation from the national data protection authorities.

	YES	PAGE
Informed Consent		
Does the proposal involve children?		
Does the proposal involve patients or persons not able to give consent?		
Does the proposal involve adult healthy volunteers?		
Does the proposal involve Human Genetic Material?		
Does the proposal involve Human biological samples?		
Does the proposal involve Human data collection?		
Research on Human embryo/foetus		
Does the proposal involve Human Embryos?		
Does the proposal involve Human Foetal Tissue / Cells?		
Does the proposal involve Human Embryonic Stem Cells?		
Privacy		
Does the proposal involve processing of genetic information or personal data (eg. health, sexual lifestyle, ethnicity, political opinion, religious or philosophical conviction)		
Does the proposal involve tracking the location or observation of people?		
Research on Animals		
Does the proposal involve research on animals?		
Are those animals transgenic small laboratory animals?		
Are those animals transgenic farm animals?		
Are those animals cloned farm animals?		
Are those animals non-human primates?		
Research Involving Developing Countries		
Use of local resources (genetic, animal, plant etc)		
Benefit to local community (capacity building i.e. access to healthcare, education etc)		
Dual Use		
Research having direct military application		
Research having the potential for terrorist abuse		
ICT Implants		
Does the proposal involve clinical trials of ICT implants?		
I CONFIRM THAT NONE OF THE ABOVE ISSUES APPLY TO MY PROPOSAL	X	

A. References