R&I-LINKS2UA

STRENGTHENING R&I ———————→ LINKS TOWARDS UKRAINE

H2020 application form - structure of the proposal

How to write a successful proposal in H2020?
17.10.2018, Kyiv
Ülle Must, ETAG

Impact

Part A
(online form)

• Administrative forms

Part B

(to be uploaded
as pdf PDF)

1. Excellence
2. Impact
3. Implementation
4. Members of the consortium
5. Ethics and Security

B2:Impact

2.1 **Expected impacts**   1st stage

2.2 **Measures to maximize impact**

    a) Dissemination and exploitation od results   2nd stage

    b) Communication activities

B2: Impact

2.1 **Expected impacts** => impact indication can be found in Work programme and specific Call;

BUT: The guidelines are not only in work programs, see also the strategic programme:

stratprog_overarching_version_for_publication.pdf

AND: keep into mind Priorities and Focus areas

IN ADDITION it's good to know that there are different impact dimensions:

- **structuring impacts** (ERA Roadmap);

- **scientific impacts**;

- **innovation impacts** (will project lead to innovative products and processes);

- **economic impacts** (open the knowledge flows for the innovation process, create new market opportunities, strengthen competitiveness and growth of companies, etc)

- and **societal impacts** (how the research has relevance for the society)

- PLUS – several guiding materials: Net4Society Factsheet Increasing Impact

Focus Areas

1. **Building a low-carbon, climate resilient future**

    LEIT-NMBP, LEIT-Space, SC1, SC2, SC3, SC4 and SC5 work program parts.

2. **Digitizing and transforming European industry and serv*ices***

    LEIT-ICT, LEIT-NMBP, LEIT-Space, Societal Challenges 1, 2, 4 and 6.

3. **Connecting economic and environmental gains – the Circular Economy**

    LEIT-NMBP, and Societal Challenges 2, 3 and 5.

4. **Boosting the effectiveness of the Security Union**

    LEIT-ICT, LEIT-Space and Societal Challenges 6 and 7.

The 5 targets for the EU in 2020

1. **Employment**

   75% of the 20-64 year-olds to be employed

2. **R&D**

   3% of the EU's GDP to be invested in R&D

3. **Climate change and energy sustainability**

   greenhouse gas emissions 20% (or even **30%**, if the conditions are right) **lower than 1990**

   20% of energy from renewables

   20% increase in energy efficiency

4. **Education**

   Reducing the rates of early school leaving below 10%

   at least 40% of 30-34–year-olds completing third level education

5. **Fighting poverty and social exclusion**

   at least **20 million fewer people in or at risk of poverty and social exclusion**

Exercise 1

DT-TRANSFORMATIONS-07-2019:The impact of technological transformations on children and youth

Think about the expected impact in the topic text.

Time: 15 minutes

2.1 Expected impacts

DT-TRANSFORMATIONS-07-2019:The impact of technological transformations on children and youth

Explanatory models will inform **relevant stakeholders** and **practitioners** on the **long-term** effects of ICT on child development and on practices that maximise risks (**risk factors**), minimise risks (**resilience factors**) and maximise benefits (**enhancing factors**). The action will contribute to **better regulation** (e.g. labelling, evaluation of ICT educational tools, protection of online users) and to a **safer** and more beneficial **use of digital technologies at home**, for leisure and in educational settings by children and young people. It will formulate **recommendations** in support of national and European policies in the field. The action will enhance **cooperation** between **schools** and **families** (school-community partnership) in ensuring safe and productive ways of using ICTs. It will also improve **statistical data**, generate innovative quantitative and qualitative **methods** as needed, and **expand the knowledge base** on in-depth case studies.

Describe how your project will contribute to:

- Each of the expected impacts mentioned in the work programme, under the relevant topic;

- 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

- Describe any barriers/obstacles, and any framework conditions (such as regulation, standards, public acceptance, workforce considerations, financing of follow-up steps, cooperation of other links in the value chain), that may determine whether and to what extent the expected impacts will be achieved.

Exercise 2

30 minutes

- Which results are expected from this project? Each result should be announced in a new line in your table.

- Who is the main user of the result?

- What is the relevance for the dedicated user, the target group?

- How can you ensure that the user knows about the results obtained?

- What are your plans about exploitation of the obtained results? Which steps do you plan for this after the end of the project?

- What are your plans for financing those further steps of exploitation?

Result	Main user	Importance for main user	Dissemination. Exploitation.	Further steps after project end

B3. IMPLEMENTATION (RIA)

Part A
(online form)

- Administrative forms

Part B

(to be uploaded
as pdf PDF)

1. Excellence
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RIA (Part B)

1. **Excellence**
2. **Impact**
3. **Implementation**

   3.1 Work plan — Work packages, deliverables and milestones *(tables)*

   3.2 Management structure and procedures

   3.3. Consortium as a whole

   3.4 Resources to be committed

4. **Members of the Consortium** *(no page limit)*
5. **Ethics and Security**

Stage 1

Stage 2
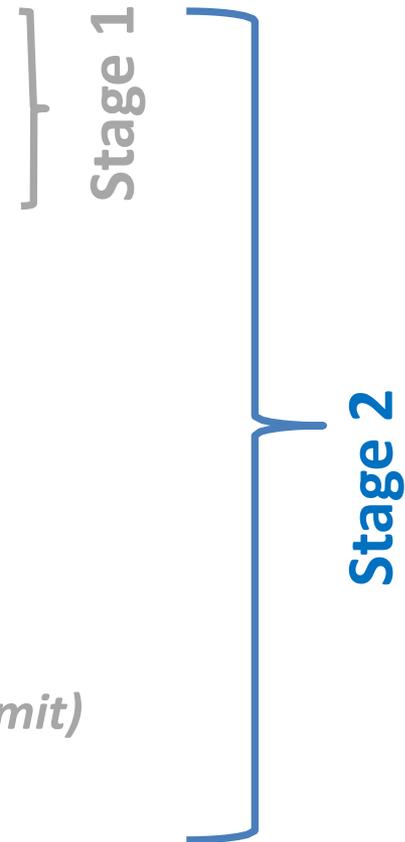
B3: implementation

3.1 **Work plan - Work packages, deliverables** => overall structure of the project, coherent and effective work plan, description of the Work package and tasks, list of deliverables incl. appropriate of the allocation of tasks and resources

3.2 **Management structure and procedures** incl. critical risk and mitigation measurers, milestones, appropriate management structure connected innovation management process and exploitation plan.

3.3. **Consortium as a whole** => description of the consortium, involvement of industrial/commercial participants, involvement of other countries.

3.4 **Resources to be committed** => completed financial tables (PMs per WP), justification of the "other direct costs" items for each participant (=only if the total exceeds 15% of personnel costs for that participant)

⊘ **Page limit: For full proposals, the cover page, and sections 1, 2 and 3, together should not be longer than 70 pages (for RIA actions!)**

DT-TRANSFORMATIONS-07-2019:The impact of technological transformations on children and youth

a) Research and Innovation action

Proposals should assess the online behaviour of children and young people as well as their use of digital content and devices by socio-economic, gender and age group, with attention to motivations for using ICT at home, for leisure and in schools or training institutions. Robust methodologies for measuring and explaining long-term impacts in areas such as skills and competencies (i.e. digital and media literacy, innovation and creativity, learning and socio-emotional competencies and more specific labour market relevant skills), wellbeing and (mental) health or other relevant aspects of brain development should be developed and tested across EU level. Methodologies should focus on understanding why and how some children and adolescents benefit from ICT use while others seem to be impacted negatively. Evidence-based models identifying and analysing at-risk groups can be developed. Proposals should take into account diversity as appropriate (age, cultural, social and economic background, gender etc.) and address the impact of ICT use on education inequalities. (Lack of) equity of access to ICT across social groups should also be considered. Children and young people should be active collaborators in the project.

Table 3.1a: List of work packages

Work package No	Work Package Title	Lead Participant No	Lead Participant Short Name	Person-Months	Start Month	End month
				Total person-months		

3.1 Work plan – work packages, deliverables and milestones

Expectations of the EC

- Brief presentation of the overall structure of the work plan

- Timing of the different work packages and their components (***Gantt Chart***)

- Graphical presentation of the components showing how they inter-relate (***Pert Chart***)

- Detailed work description

  - A **description** of each **work package** (table 3.1a)

  - A **list** of **work packages** (table 3.1b)

  - A list of major **deliverables** (table 3.1c)

Time management -GANTT

To ensure that the tasks start and finish according to the project work plan and that the project deliverables are submitted to EC in due time.

⇒ **All the projects activities needs to be carefully planned already in the proposal stage!**

⇒ „A Gantt chart is a horizontal bar chart developed as a production control tool in 1917 by Henry L. Gantt, an American engineer and social scientist."

Gantt Chart
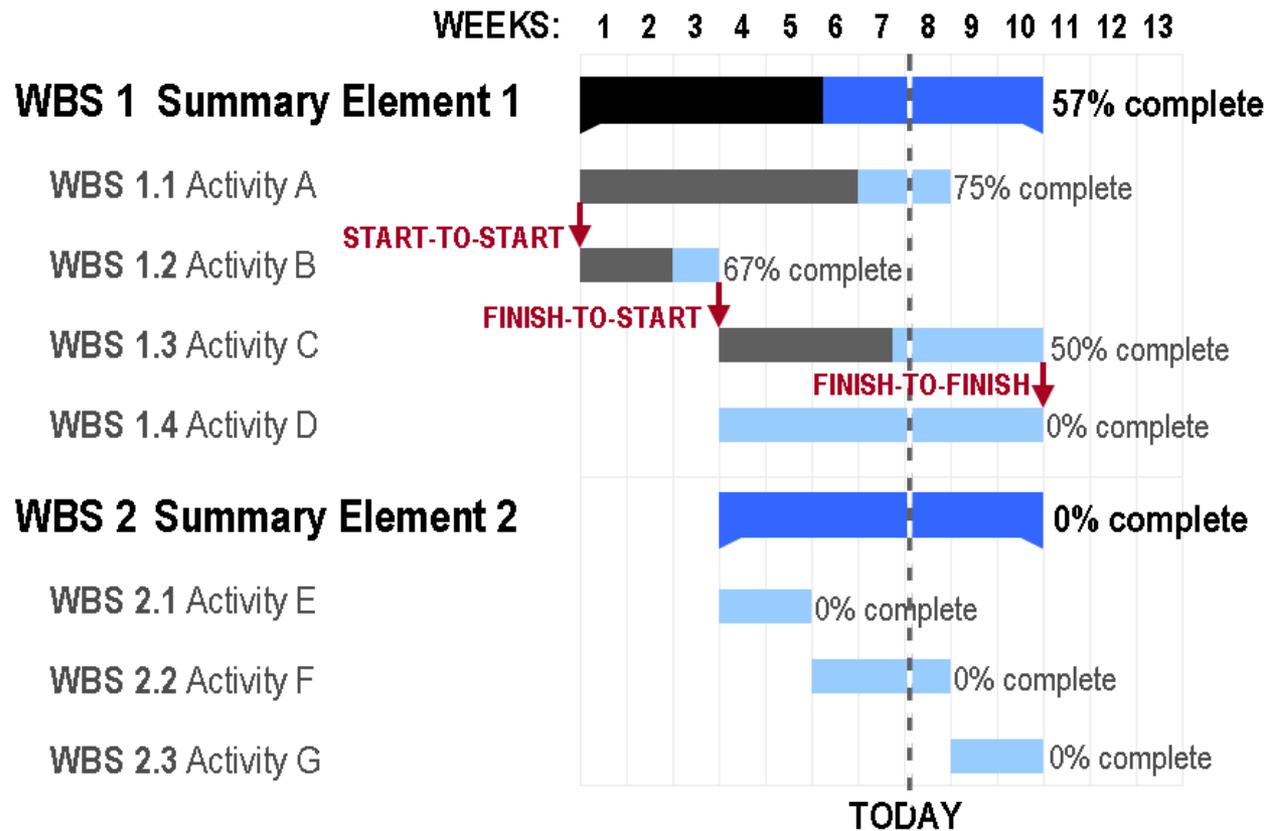
Gantt Chart

Project **Gantt Chart**
490 x 350 - 28k - gif
www.total-quality-management-
software.com

Gantt Chart Viewable
629 x 402 - 24k
www.jiscinfonet.ac.uk
[Mehr von www.jiscinfonet.ac.uk]

... probably provide a **Gantt chart**: free download of **Gantt Chart** for ...
591 x 344 - 10k - gif
www.romankoch.ch

557 x 322 - 45k - jpg
www.projectdirect.com

GANTT CHART EXAMPLE
981 x 503 - 134k - gif
www.bridgeport.edu

Gantt Charts give a graphical ...
810 x 582 - 45k - gif
www.virtualboss.net

Excel **Gantt Chart** Template
755 x 499 - 25k - gif
www.vertex42.com

Gantt Chart Image
556 x 315 - 18k
www.jiscinfonet.ac.uk

Project progress,**gantt chart** ...
496 x 289 - 73k - jpg
www.4csys.com
[Mehr von www.4csys.com]
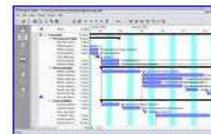
Gantt Chart History
945 x 596 - 55k - gif
www.gantt-chart.biz

... a simple **gantt chart**.
620 x 280 - 5k - png
www.nan.go.th
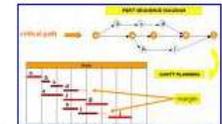
Sample PERT and **Gantt Chart**
821 x 496 - 55k - jpg
www.visitask.com

JFreeChart: **Gantt Chart** Sample
508 x 297 - 14k - png
www.java2s.com
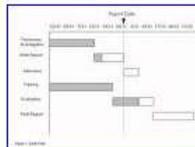
What is **Gantt chart**?
628 x 475 - 29k - jpg
searchsoftwarequality.techtarget.com

What a **Gantt Chart** looks like:
540 x 425 - 63k - jpg
www.monash.edu.au
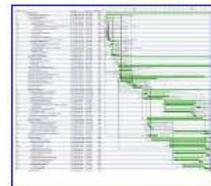
Project **Gantt Chart** ...
1800 x 1584 - 509k - png
mmgrad.csuhayward.edu

Gantt Chart
550 x 367 - 45k - gif
www.wnc.net.au
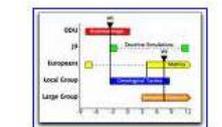
Use of the **Gantt chart** by
American ...
386 x 274 - 12k - gif
www.atpm.com

PERT Chart

- used to schedule, organize, and coordinate tasks within a project

- illustration of dependencies

- PERT stands for *Program Evaluation Review Technique*, a methodology developed by the U.S. Navy in the 1950s.

PERT Chart

XYZ Corp. Project Plan
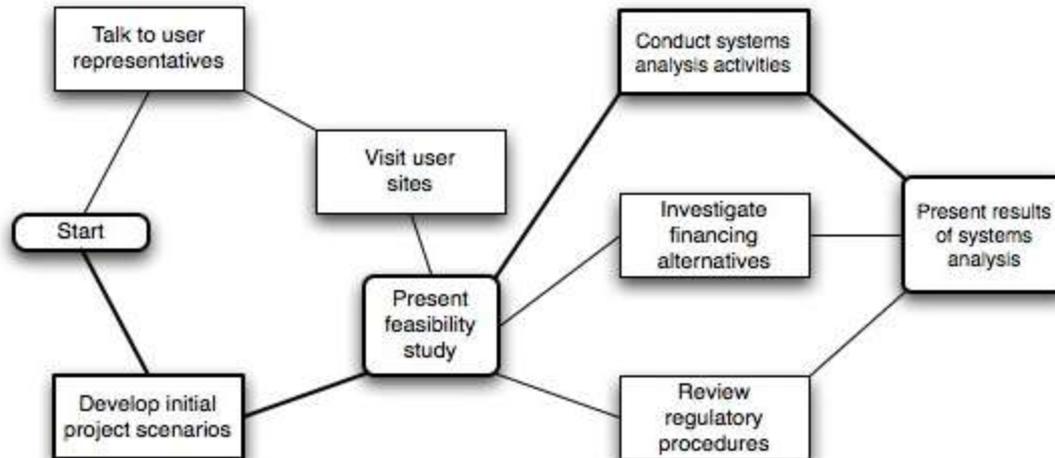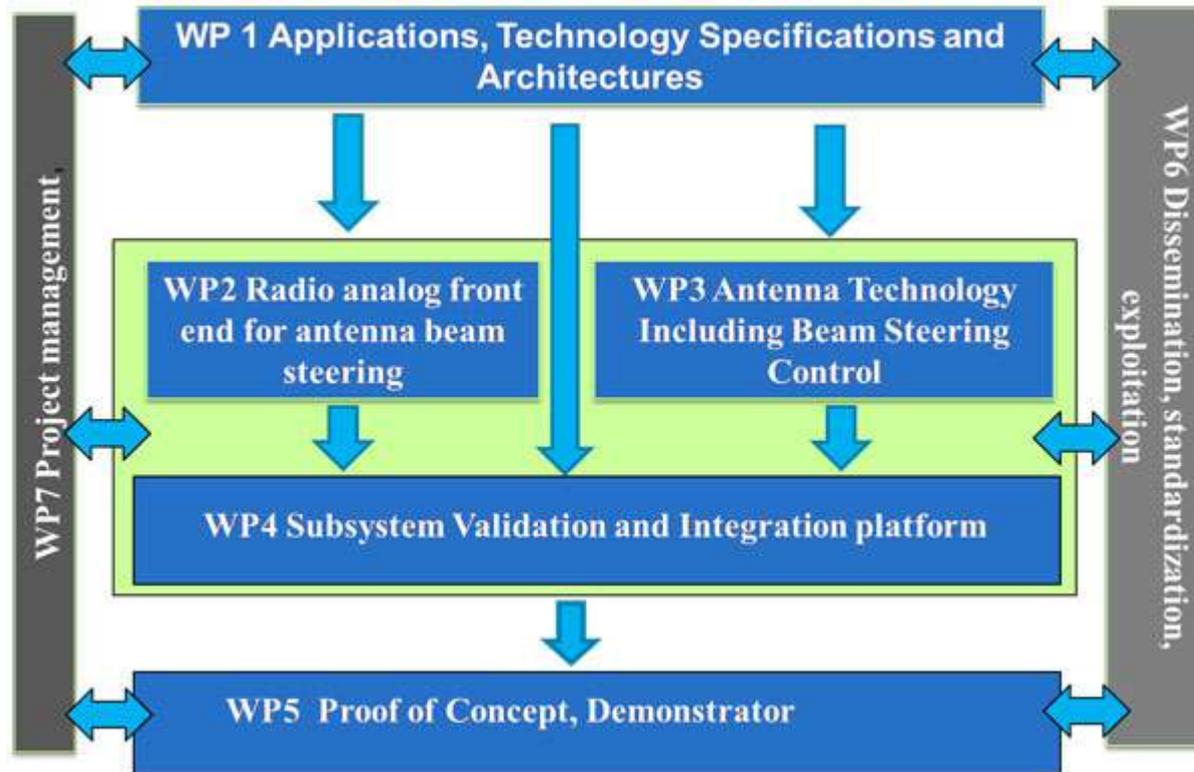
Source: http://www.h2020-dream.eu/structure/

Table 3.1b: Work package description

For each work package:

Work package number		Lead beneficiary				
Work package title						
Participant number						
Short name of participant						
Person months per participant:						
Start month			End month			

Objectives

Description of work (where appropriate, broken down into tasks), lead partner and role of participants

Tasks
- **Detailed description** of what you want to do to achieve Result: **Deliverables**

Table 3.1c: List of Deliverables[7]

Deliverable (number)	Deliverable name	Work package number	Short name of lead participant	Type	Dissemination level	Delivery date (in months)

Deliverables
- Results/Outcomes of WP
- Coherent labelling: e.g. D1.2

Table 3.1b: List of work packages - Example

Work package No	Work Package Title	Lead Participant No	Lead Participant Short Name	Person-Months	Start Month	End month
1	Project Management & Coordination	1	xxx	22.5	1	36
2		3	xxx	71	1	36
3		5	xxx	74	1	36
4		1	xxx	41	1	36
5		2	xxx	64	6	36
6	Exploitation & Dissemination	7	xxx	38.5	1	36
				311		