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Technical Assistance for Turkey in Horizon 2020 Phase-II
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Turkey in Horizon Europe

Core conceptual elements of a Twinning proposal

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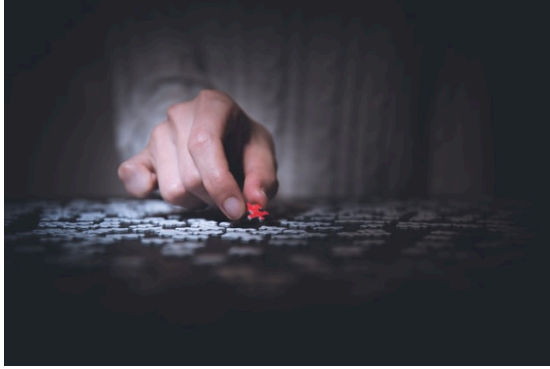
REPUBLIC OF TURKEY
MINISTRY OF INDUSTRY
AND TECHNOLOGY



COMPETITIVE
& COHESION
PROGRAMME



TÜBİTAK



INDIVIDUAL COMPONENTS

All the pieces of the puzzle one-by-one



INTERDEPENDENCIES

How they can work together



- **Simultaneously:** *Respond to the call and implement your vision at the same time*
- **No “one-size-fits-all”:** *Each proposal should seek its own unique narrative and build components accordingly*
- **Component # WP:** *More than one components can fit in the same WP and vice versa two WPs may deliver one component*

- Gap Analysis
- Skills
- Joint research
- Exchange visits
- Trainings
- Young researchers
- Dissemination, communication
- Ethics

At three different levels:

Level 1: R&I ecosystem

TIP: Link it with opportunities in the national economy (RIS3, national strategies)

Level 2: Institute

BE CAREFUL: not to be too dramatic, present also the strong points and make it look like you have the potential to shine...”with a little help from your friends”

Level 3: Scientific domain

FOCUS: On a distinctive domain that can move science forward and respond to societal challenges

⚠ Not a WP/ Task but core part of the proposal/ preparatory work

WHAT SKILLS?

- Scientific
- Communication
- Commercial
- EU funding
- For young researchers

HOW TO DEVELOP SKILLS?

- ✓ Joint research
- ✓ Trainings
- ✓ Exchange visits
- ✓ Other



How these skills will help unlock the R&I potential of main beneficiary?



Could be more than 1

WP

Financial considerations:

- **Max. 30% of the total budget**
- **Min. 70% of the budget for research activities** must be allocated to the coordinator from a widening country.
- It can include **consumables and small-scale equipment**, strictly related to the specific research

Choice of research activities:


- Ambitious but **relevant to the research focus** of the proposal
- Strong **training** component for young researchers
- **Open research**

Research team composition:

- Good **balance** among juniors and seniors
- **Interdisciplinarity**
- **Gender balance**

- **Two directions:**
 - ✓ Expert visits: From advanced partners to coordinator. Visitor is normally senior scientist/manager, but other setups also apply (eg young researchers from advanced partners)
 - ✓ Short-term visits: From beneficiary to advanced partners, both senior personnel and young researchers/ junior managers can participate
- **Focus:**
 - ✓ Both scientific and management topics
 - ✓ Aiming to fill in gaps/ align opportunities
 - ✓ Ideally connected with joint research
- **Organization:**
 - ✓ Quantify (How many? from where to where?)
 - ✓ Schedule (when? How they connect with other activities? With reporting periods?)
 - ✓ Budget (careful estimations, consider time and efforts of people involved when budgeting, MCSA-type of budgeting can help)

- **Topics selected based on gap analysis and needs:**
 - ✓ Scientific methods
 - ✓ Proposal writing and project management for EU funding
 - ✓ Communication skills
 - ✓ Collaboration with industry
 - ✓ Other?
- **Who will deliver the trainings:**
 - ✓ External and internal (consortium members) trainers. Both are needed!
 - ✓ Proper budget considerations (best-value-for-money) for external trainers.
- **Timing and availability:**
 - ✓ Summer schools
 - ✓ During the year/ around project events
- **Duration:**
 - ✓ Standalone training events/ workshops: 1-3 days
 - ✓ Summer schools: 5-10 days
- **Other aspects:**
 - ✓ Open access?
 - ✓ Free of charge for participants
 - ✓ On-line trainings
 - ✓ Reusable content

-  Young Researcher means:
- researchers in the first 10 years (full-time equivalent) of their research activity since gaining a university degree
 - who have not yet obtained a doctoral degree

Option 1: Separate WP

- ✓ Skills enhancement (exchange visits, trainings, Joint research)
- ✓ Networking
- ✓ Other (eg hackathons, career orientation, collaboration with industry, engagement in revenue-generating activities)

Option 2: Relevant tasks/ activities in all WPs

- ✓ Clearly explained both in Task content and in methodology part
- ✓ Explain how content of services differentiates to take into account their identified needs.

Dissemination, exploitation and communication (DEC) plan:

- ✓ Synchronization with other activities of the project

M	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	
communication activities			SM		W		SM			SM														SM						SM							
				EV	EV			EV							EV										EV	EV											
											SS										WS				WS							WS					
			PR								PR			C		C														GG	PR			GG			

W	Website	SM	Social media	C	CSTP	WS	Workshop
SS	Summer school	EV	Expert visits	GG	Guide to good practice	PR	Press release

Target groups:

- ✓ Public and media
- ✓ Research community
- ✓ Industry
- ✓ Government
- ✓ Others?

Channels:

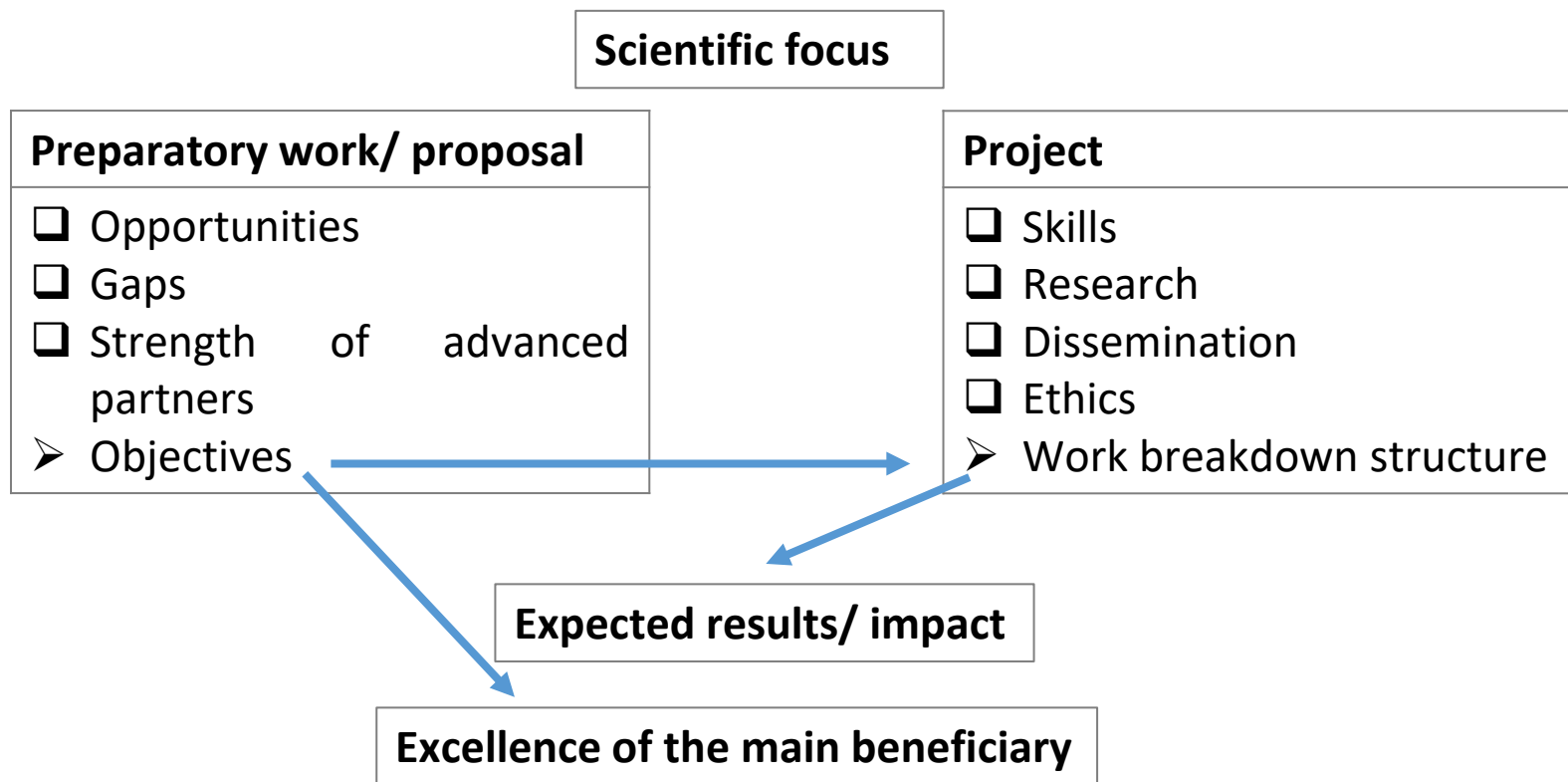
- ✓ Digital/ web
- ✓ Printed
- ✓ Events
- ✓ Face-to-face
- ✓ Others?

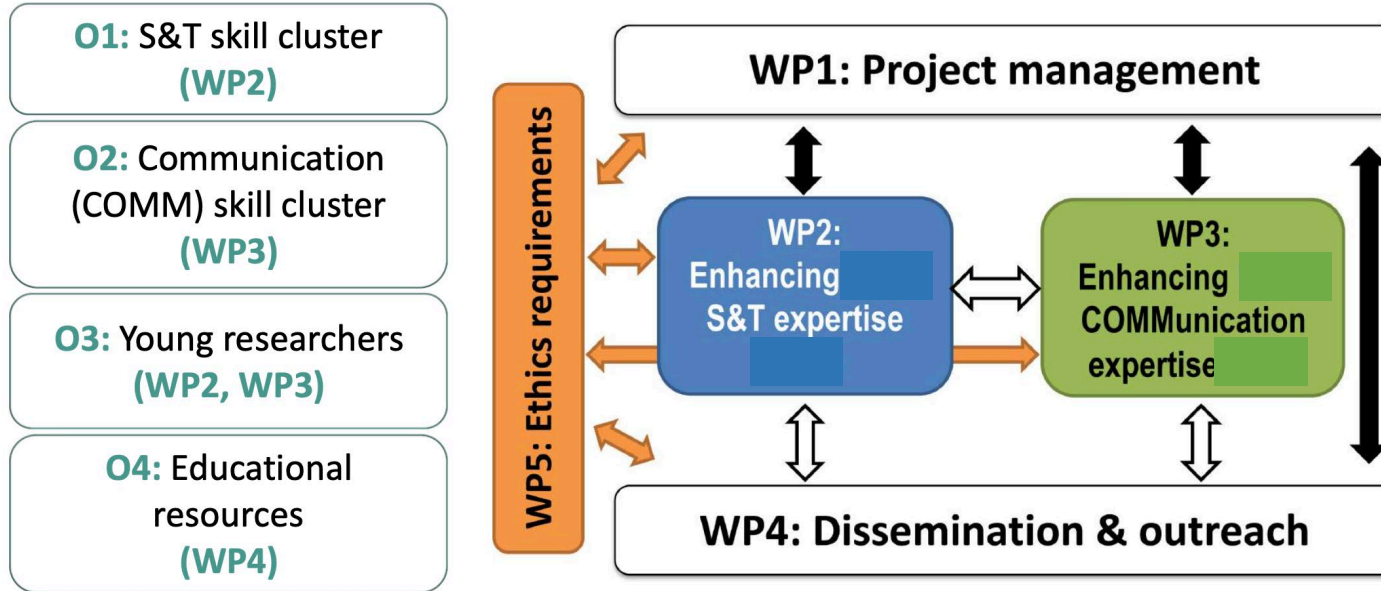


Contingency plans for COVID

- More and more important in H. Europe
 - Separate, distinctive part of the work (WP/ Task).
 - Includes:
 - Ethical standards of scientific field (eg experiments on humans, animals, use of AI etc)
 - Data management and protection, GDPR etc
 - Gender balance (Gender Equality Plans)
 - Other?
- ⚠ Tip 1: Appoint an ethical officer
- ⚠ Tip 2: Can be part of capacity building/ transfer of skills program (particularly for Young Researchers: “How to understand and respond to ethical requirements”)







REMEMBER: No “one-size-fits-all”:

- The alignment between **scientific focus** and the **national/ regional needs and opportunities** is the connecting tissue.
- Identify **synergies** among activities and **synchronize**
- Leverage** the competencies of advanced partners properly
- Align with the broader **strategic research agenda** of the main beneficiary
- Proper **balance** between scientific and “soft” skills
- Link** project results with expected outcomes and impact
- Work in iterations, get **feedback** from advanced partners
- Quantify! Quantify! Quantify!**