

Część merytoryczna B wniosku projektowego w Horyzoncie Europa

7.05.2025 - Uniwersytet Ekonomiczny w Krakowie

Krajowy Punkt Kontaktowy Programów Badawczych UE działa od 1999 r.

→ Eksperci KPK

→ Horyzontalne Punkty Kontaktowe

→ Znajdź swój obszar

→ Horyzont Europa dla początkujących

→ Konkursy

→ Poszukiwanie partnerów

Krajowy Punkt Kontaktowy Programów Badawczych UE

→ Konsultacje Wniosków – Regulamin !

→ Konsultacje indywidualne,

→ Warsztaty,

→ Nasze Szkolenia:

- Dla zaawansowanych,
- Dla początkujących,

→ Spotkania brokerskie/partnerskie,

→ Dni informacyjne,

→ Konferencje,

→ Porady finansowo - prawne.

Struktura Horyzontu Europa (HE)



Filar I Doskonała Nauka

Europejska Rada ds. Badań
Naukowych

Działania
„Maria Skłodowska-Curie”

Infrastruktura Badawcza



Filar II Globalne wyzwania i europejska konkurencja przemysłowa

Klaster 1 Zdrowie
Klaster 2 Kultura, kreatywność i
społeczeństwo integracyjne
Klaster 3 Bezpieczeństwo cywilne na
rzecz społeczeństwa
Klaster 4 Technologie cyfrowe,
przemysł i przestrzeń kosmiczna
Klaster 5 Klimat, energia, transport
Klaster 6 Żywność, biogospodarka,
zasoby naturalne, rolnictwo i
środowisko

Wspólne Centrum Badawcze



Filar III Innowacyjna Europa

Europejska Rada ds.
Innowacji

Europejskie Ekosystemy
Innowacji

Europejski Instytut
Innowacji i Technologii



Misje UE

Walka z rakiem

Przystosowanie się do zmian
klimatycznych

Zdrowe oceany, morza, wody
przybrzeżne i śródlądowe

Neutralne klimatycznie miasta

Zdrowa gleba i żywność

Szersze uczestnictwo i wzmocnienie Europejskiej Przestrzeni Badawczej

Zapewnianie szerszego uczestnictwa
i rozpowszechnianie doskonałości

Zreformowanie i usprawnienie europejskiego systemu
badań naukowych i innowacji.

Konsorcjum projektowe w Horyzoncie Europa

- **co najmniej 1 podmiot** prawny mający siedzibę w **państwie członkowskim** [*Member States (MS)*] oraz
- **co najmniej 2 inne niezależne podmioty** prawne, z których każdy ma siedzibę w innym **państwie członkowskim bądź kraju stowarzyszonym z programem Horyzont Europa** [*Third countries associated to Horizon Europe*]
- podmioty **muszą być od siebie niezależne;**

General Annexes - Consortium composition (str.11-12)

REGULATION (EU) 2021/695...**Article 22** Legal entities eligible for participation

AGA – Annotated Model Grant Agreement

Wszystko co powinniśmy wiedzieć o Programie Ramowym Horyzont Europa znajdziemy na EU Funding & Tenders Portal

**European Commission** | **EU Funding & Tenders Portal**

[Sign in](#)[EN](#)

[Home](#)[Funding](#)[Procurement](#)[Projects & results](#)[News & events](#)[Work as an expert](#)[Guidance & documents](#)

Highlights



Celebrating One Year
How's the Portal working for you?
Share your feedback!

CLIENT CENTRICITY.

CLIENT CENTRICITY.

Discover 'My Area'
& Empower Your EU Funding & Tenders Journey



OUT NOW!
Assessment of Lump Sum Funding in Horizon 2020 and Horizon Europe 2018-2024
Analysis of implementation data and feedback from surveys

[One Year In: Your Feedback Matters!](#)
The Portal turns one with a fresh look, new features, and more personalisation! How's it working for you?

[Introducing "My Area": Your Personalised Hub on the EU Funding & Tenders Portal](#)
Designed to simplify your experience and enhance personalisation, My Area puts you in control like never before.

[Lump Sum Funding Remains Popular and Reduces Administrative Burden](#)
The 2024 report on Lump sum funding in Horizon 2020 and Horizon Europe confirms and extends the positive findings of the 2021 assessment.



European
Commission

EU Funding & Tenders Portal

- Home
- Funding
- Procurement
- Projects & results
- News & events
- Work as an expert

Guidance & documents

Home > Guidance & documents > Guid:

Guidance & Manuals

Funding

Procurement

Reference documents

The page reference documents of the prog

Online Manual (2021-2027)

Step-by-step online guide through the Port

H2020 Online Manual (2014-2020)

Step-by-step online guide through the Port

IT how to

IT support guide with step-by-step walkthroughs and videos.

- > Legislation
- > Work programme & call documents
- > Grant agreements and contracts
- > Simplified cost decisions
- > Guidance
- > Templates & forms
- > Experts lists
- > Funding & Tenders Portal

Guidance & manuals

Reference documents

How to participate

FAQ

Helpdesk & support

Videos

project. Only valid for Horizon 2020.

Przydatne dokumenty

→ *Work Programme* - Program Pracy 2025 w zależności od wybranego tematu;

Pre-publication of work programme 2025

→ *General Annexes 2023-2025;*

→ ***HE Programme Guide*** – **Lektura obowiązkowa !**

→ *AGA- Annotated Grant Agreement (2021-2027):*

- *ARTICLE 6 — ELIGIBLE AND INELIGIBLE COSTS AND CONTRIBUTIONS*

→ *The second Horizon Europe Strategic Plan 2025-2027;*

Wybrane typy działań „*Type of actions*” w Horyzoncie Europa

Research and innovation action (RIA)

- ➔ działania nastawione na tworzenie nowej wiedzy, nowej lub ulepszonej technologii, produktu, procesu, usługi, rozwiązania;
- ➔ obejmują badania podstawowe i stosowane, testowanie, demonstracje i walidacje prototypu na małą skalę w laboratorium lub w symulowanym środowisku naturalnym;
- ➔ dofinansowane **do 100% kosztów kwalifikowalnych dla wszystkich typów jednostek;**

Wybrane typy działań „*Type of actions*” w Horyzoncie Europa

Innovation action (IA)

- działania, które mają na celu bezpośrednio tworzenie planów nowych lub zmienionych, ulepszonych produktów, procesów lub usług; obejmują prototypowanie, testowanie, pilotaż, walidację produktów na dużą skalę;
- badania nie mogą być głównym działaniem w tego typu projektach;
- dofinansowane **do 70% kosztów kwalifikowalnych dla jednostek przemysłowych; do 100% kosztów kwalifikowalnych dla jednostek „non-profit”**;

Wybrane typy działań „Type of actions” w Horyzoncie Europa

Coordination and support actions (CSA)

- działania koordynacyjne promujące współpracę między podmiotami w celu wzmocnienia Europejskiej Przestrzeni Badawczej, polegające na rozpowszechnieniu informacji, wymianie doświadczeń, dobrych praktyk, na wsparciu polityki Unii Europejskiej;
- nie finansujące działań badawczych **wyjątek** - Szersze uczestnictwo i wzmacnianie Europejskiej Przestrzeni Badawczej - *Widening participation and strengthening the European Research Area*;
- realizowane przez co najmniej jedną jednostkę **wyjątek** - Szersze uczestnictwo i wzmacnianie Europejskiej Przestrzeni Badawczej oraz Europejskie Ekosystemy Innowacji - *European Innovation Ecosystems (EIE)*;
- **dofinansowane do 100% kosztów kwalifikowalnych dla wszystkich typów jednostek;**

CORDIS - Wspólnotowy Serwis Informacyjny Unii Europejskiej



European
Commission

 Log in

 English

Search

CORDIS - EU research results

Home

Thematic Packs

Projects & Results

Videos & Podcasts

News

Datalab

Search



Celebrating 30 years of CORDIS online

This November, CORDIS is marking the 30th anniversary since the launch of its website.

Since its creation, CORDIS has been a vital source of information about EU-funded research and innovation. It provides access to detailed descriptions and key results of more than 150 000 projects which have the potential to change the world and our lives for the better.

Set up in 1994 when the internet was at its very beginnings, CORDIS is the European Commission's longest-running website. With roughly 7 million visits per year, the website offers a wide range of resources in various multimedia formats, including videos and podcasts.

Thank you for being part of this journey!

Stay connected – check out the [CORDIS Newsletter](#)  and [subscribe](#)  for the latest updates.

Przykład CORDIS (zakładka Results)

Fact Sheet

Results

CORDIS provides links to public deliverables and publications of HORIZON projects.

Links to deliverables and publications from FP7 projects, as well as links to some specific result types such as dataset and software, are dynamically retrieved from [OpenAIRE](#).

Deliverables

Websites, patent fillings, videos etc. (2)

Documents, reports (3)

Publications

Conference proceedings (3)

Project Information

ClearClimate

Grant agreement ID: 101131220

DOI

[10.3030/101131220](#)

EC signature date

16 October 2023

Start date

1 November 2023

End date

31 October 2027

Funded under

Marie Skłodowska-Curie Actions (MSCA)

Total cost

No data

Struktura wniosku projektowego w Horyzoncie Europa

Część administracyjna A <i>Administrative proposal forms (Part A)</i>	Część merytoryczna B <i>Proposal template Part B: technical description</i>
1. General information 2. Participants & contacts 3. Budget 4. Ethics and security 5. Other questions	1. Excellence 2. Impact 3. Quality and efficiency of implementation (Implementation)

Konkurs Single - stage	Konkurs Two - stage
1. Excellence 2. Impact 3. Quality and efficiency of implementation (Implementation) → limit stron standardowo: • do 45 dla RIA, IA; do 50 lump sum; • do 30 dla CSA; do 33 lump sum;	I etap - limit do 10 stron dla RIA, IA i CSA 1. Excellence 2. Impact II etap: 1. Excellence 2. Impact 3. Quality and efficiency of implementation (Implementation) → limit stron standardowo: • do 45 dla RIA, IA; do 50 lump sum; • do 30 dla CSA; do 33 lump sum;

**Zagadnienia przekrojowe
„Cross-cutting Priorities”
w Horyzoncie Europa**

International cooperation

Do No Significant Harm principle

Gender equality as a cross-cutting principle

Social Science and Humanities (SSH)

Open science - European Open Science Cloud (EOSC)

Dissemination and exploitation of research results

Ethics and Security

Istotna kompozycja wniosku!

Zachowaj strukturę szablonu !

Nie pisz ciągłym tekstem !

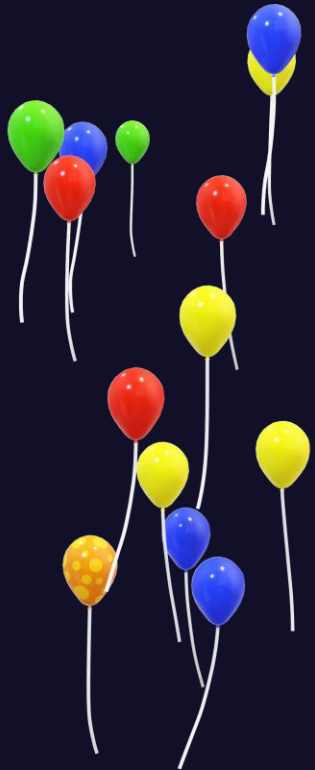
Przestrzegaj limitu stron !

Podkreśl kluczowe informacje, rozwiń skróty !

Pamiętaj o aktywnych linkach we wniosku !

Zamieść najnowsze publikacje !

Weź pod uwagę „encouraged”, „strongly encouraged” !



Proposal template: technical annex

Część merytoryczna B

1st stage of a two-stage submission procedure



Horizon Europe Programme
**Standard Application Form (HE 1st stage RIA and
IA)**

Project proposal – Technical description (Part B)

Version 1.0
03 June 2021



Horizon Europe Programme
Standard Application Form (HE CSA stage 1)

Application form (Part A)
Project proposal – Technical description (Part B)

Version 9.0
27 September 2023

Guidance for blind evaluations (1)

Proposals submitted to a call taking part in the blind evaluation **pilot must be anonymous**: proposals may not contain any direct or indirect reference to the organisations or persons participating in the proposals. This means that participants **must not disclose** applicants' organisation names, acronyms, logos nor names of personnel in the Part B of the application (the narrative uploaded as a pdf document). In addition, names of proposers or their organisations should not be potentially identifiable indirectly, via, for instance, links to web pages or through references to their role and previous experience.

The proposal can include references to their own publications if there is no emphasis that the publication is authored by one or more of the proposers.

The proposal will be declared inadmissible if its anonymity is not respected in the part B of the application. Information on the identity of participants should be included only in proposal Part A (the structured online web forms).

How to insert references to publications

The proposal can include references to participants' own publications if there is no emphasis that the publication is authored by one or more of the proposers.

For example, the following statement will not be admissible:

‘For climate impact, we will use greenhouse gas emission intensities, following a methodology developed previously by a project partner (Dalin et al.)’

but the following would be ok:

‘For climate impact, we will use greenhouse gas emission intensities, following the methodology described in Dalin et al.’

Guidance for blind evaluations (2)

Examples of statements resulting in inadmissible proposals

- ‘Most of project’s participants have been involved in the previous H2020 project, NANOCOM...’
- ‘For climate impact, we will use greenhouse gas emission intensities, following a methodology developed previously by a project partner (Dalin et al.)’
- ‘This task in WP3 will be based on outputs generated by some participants of the consortium’, (with a link in the footnote to a YouTube video or webpage where participants can be identified)
- ‘The consortium includes the largest research institute in France’
- ‘Partner 3 is the leading company in Spain for wind turbine installation’
- ‘Our current research expands our previous findings described in a recently published article (Wiliam et al, 2022)’
- ‘The consortium consists of leaders in the high tech industry, including the biggest in terms of capital constructor of micro chips’
- ‘The coordinator organisation was the one who first introduced the concept of m-RNA in vaccines’
- ‘The consortium consists of 2 research centres (including an international one based in Geneva) and the oldest university in Belgium’

<i>Research and innovation action (RIA)</i> <i>Innovation action (IA)</i>	<i>Coordination and support action(CSA)</i>
<i>1.Excellence; <u>1.1 Objectives and ambition</u></i> - Briefly describe the objectives of your proposed work Briefly describe the objectives of your proposed work. Why are they pertinent to the work programme topic? Are they measurable and verifiable? Are they realistically achievable? - Describe how your project goes beyond the state-of-the-art,... - Describe where the proposed work is positioned in terms of R&I maturity (i.e. where it is situated in the spectrum from 'idea to application', or from 'lab to market').Where applicable, provide an indication of the Technology Readiness Level (TRL),...	<i>1. Excellence; <u>1.1 Objectives</u></i> Briefly describe the objectives of your proposed work Briefly describe the objectives of your proposed work. Why are they pertinent to the work programme topic? Are they measurable and verifiable? Are they realistically achievable?

Research and innovation action (RIA) Innovation action (IA)	Coordination and support action(CSA)
<u>1.Excellence; 1.2 Methodology</u> • overall methodology, concepts, models ⚠ <i>‘do no significant harm’</i> ⚠ <i>artificial intelligence (AI)</i> ⚠ national or international research and innovation activities ⚠ different disciplines ⚠ social sciences and humanities ⚠ gender dimension (i.e. sex and/or gender analysis) ⚠ open science practices ⚠ data management and management of other research outputs	<u>1.Excellence; 1.2 Coordination and/or support measures and methodology</u> • coordination, overall methodology, concepts, models ⚠ <i>‘do no significant harm’</i> ⚠ <i>artificial intelligence (AI)</i> ⚠ open science practices ⚠ data management and management of other research outputs:

*Research and innovation action (RIA)
Innovation action (IA)*

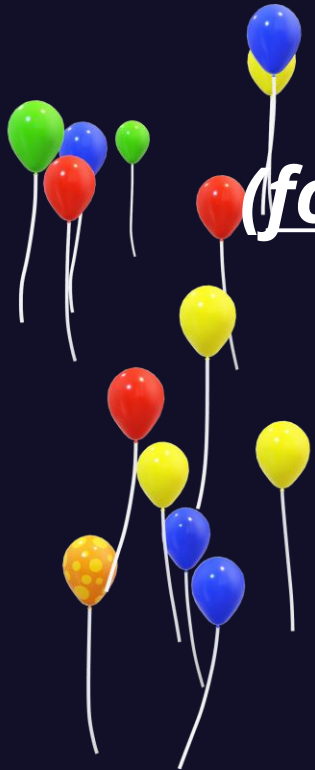
Coordination and support action(CSA)

2.Impact; 2.1 Project's pathways towards impact

- project's results are expected to make a difference in terms of impact, beyond the immediate scope and duration of the project
- (a) Describe the unique contribution your project results would make towards (1) the **outcomes** specified in this topic, and (2) the **wider impacts**, in the longer term, specified in the respective destinations in the work programme.
- ⚠ *target groups*
- ⚠ *The outcomes and impacts of your project may be:*
- *Scientific*
 - *Economic/technological*
 - *Societal*
- (b) Give an indication of the scale and significance of the project's contribution to the expected outcomes and impacts, should the project be successful. Provide quantified estimates where possible and meaningful.
- (c) Describe any requirements and potential barriers - arising from factors beyond the scope and duration of the project - that may determine whether the desired outcomes and impacts are achieved.

Proposal template: technical annex

***(for full proposals: single stage submission procedure and
2nd stage of a two-stage submission procedure)***



Research and innovation action (RIA)

Innovation action (IA)

1. Excellence

1.1 Objectives and ambition [e.g. 4 pages]

1.2 Methodology [e.g. 14 pages]

2. Impact

2.1 Project's pathways towards impact [e.g. 4 pages]

2.2 Measures to maximise impact - Dissemination, exploitation and communication [e.g. 5 pages]

2.3 Summary

3. Quality and efficiency of implementation

3.1 Work plan and resources [e.g. 14 pages (19 pages for topics using lump sum funding) – including tables]

3.2 Capacity of participants and consortium as a whole [e.g. 3 pages]

Coordination and support action (CSA)

1. Excellence

1.1 Objectives [e.g. 1 pages]

1.2 Coordination and/or support measures and methodology [e.g. 6 pages]

2. Impact

2.1 Project's pathways towards impact [e.g. 4 pages]

2.2 Measures to maximise impact - Dissemination, exploitation and communication [e.g. 5 pages]

2.3 Summary

3. Quality and efficiency of implementation

3.1 Work plan and resources [e.g. 10 pages (13 pages for topics using lump sum funding) – including tables]

3.2 Capacity of participants and consortium as a whole [e.g. 3 pages]

Przykładowa pierwsza, druga strona wniosku projektowego



Horizon Europe Programme Standard Application Form (HE RIA and IA)

Project proposal – Technical description (Part B)

Version 3.4

Call: [insert call identifier] — [insert call name]

EU Grants: Application form (HE RIA and IA): V3.4 – 04.04.2024

⚠ Fill in the title of your proposal below.

TITLE OF THE PROPOSAL

⚠ The consortium members are listed in part A of the proposal (application forms). A summary list should also be provided in the table below.

[This document is tagged. Do not delete the tags; they are needed for processing.] @@APP-FORM-HERIAIA@#

List of participants [e.g. 1 page]

Participant No. *	Participant organisation name	Country
1 (Coordinator)		
2		
3		

* Please use the same participant numbering and name as that used in the administrative proposal forms.

Call: [insert call identifier] — [insert call name]

EU Grants: Application form (HE RIA and IA): V3.4 – 04.04.2024

 Fill in the title of your proposal below.

TITLE OF THE PROPOSAL

 The consortium members are listed in part A of the proposal (application forms). A summary list should also be provided in the table below.

[This document is tagged. Do not delete the tags; they are needed for processing.] #@APP-FORM-HERIAIA@#

List of participants [e.g. 1 page]

Participant No. *	Participant organisation name	Country
1 (Coordinator)		
2		
3		

* Please use the same participant numbering and name as that used in the administrative proposal forms.



European Commission

EU Funding & Tenders Portal

Sign

Home

Funding

Procurement

Projects & results

News & events

Work as an expert

Guidance & documents

Search...

Design for adaptability, re-use and deconstruction of buildings, in line with the principles of circular economy (Built4People Partnership)

[HORIZON-CL5-2024-D4-02-04](#) → call identifier

Topic Call for proposal

Internal navigation

General information

Topic description

Topic updates

Mission

Destination

Conditions and documents

Budget overview

Partner search announcements

General information

Programme

Horizon Europe (HORIZON)

Call

Efficient, sustainable and inclusive energy use (HORIZON-CL5-2024-D4-02-04) → call name

Type of action

HORIZON-RIA HORIZON Research and Innovation Actions

Type of MGA

HORIZON Action Grant Budget-Based [HORIZON-AG]

Open For Submission

Deadline model

single-stage

Opening date

17 September 2024

Deadline date

04 February 2025 17:00:00 Brussels time

Topic description

⚠ Fill in the title of your proposal below.

TITLE OF THE PROPOSAL

⚠ The consortium members are listed in part A of the proposal (application forms).
provided in the table below.

[This document is tagged. Do not delete the tags; they are needed for processing.] #@APP-FORM-HERIA

List of participants [e.g. 1 page]

Participant No. *	Participant organisation name
1 (Coordinator)	Narodowe Centrum Badań i Rozwoju
2	NCBR+ SPLKA <u>Ograniczona Odpowiedzialność</u>
3	Miasto Stołeczne Warszawa Dzielnica Praga Północ
4	ISASI <u>Lecce</u>
5	ROLIX IMPEX SERIES S.R.L.
6	Oxford University Hospitals

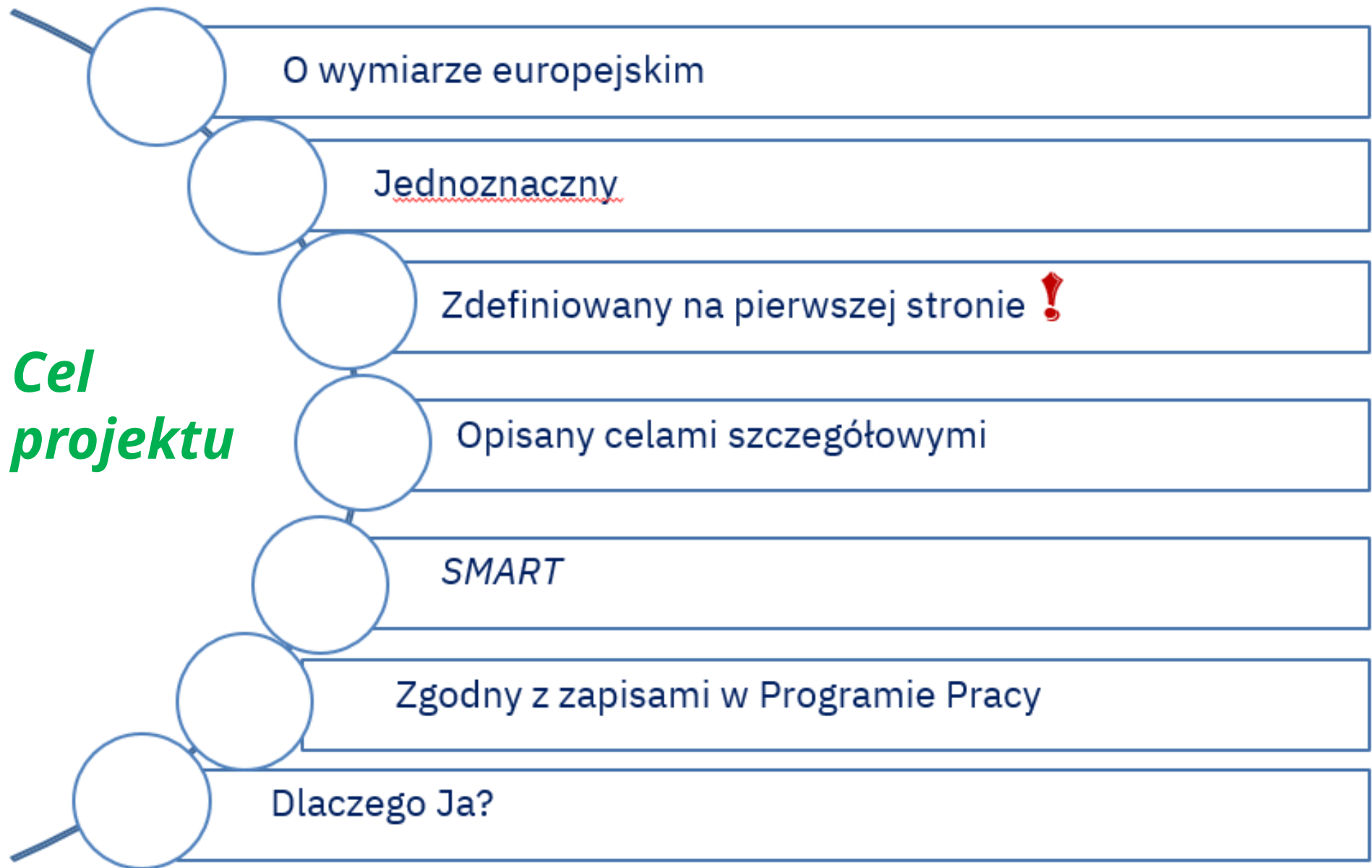
List of participating organisations

#	Participating Organisation Legal Name	Country	Role
1	NARODOWE CENTRUM BADAN I ROZWOJU	Poland	Coordinator
2	NCBR+ SPLKA OGRANICZONA ODPOWIEDZIALNOŚĆ	Poland	Affiliated
3	Miasto Stołeczne Warszawa Dzielnica Praga-Polnoc	Poland	Partner
4	ISASI Lecce	Italy	Partner
5	ROLIX IMPEX SERIES S.R.L.	Romania	Partner
6	Oxford University Hospitals	United Kingdom	Associated

* Please use the same participant numbering and name as that used in the administrative proposal forms.

1. EXCELLENCE

<i>Research and innovation action (RIA)</i> <i>Innovation action (IA)</i>	<i>Coordination and support action(CSA)</i>
<i>1. Excellence</i> <i>1.1 Objectives and ambition [e.g. 4 pages]</i> <i>1.2 Methodology [e.g. 14 pages]</i>	<i>1. Excellence</i> <i>1.1 Objectives [e.g. 1 pages]</i> <i>1.2 Coordination and/or support measures and methodology [e.g. 6 pages]</i>



Cel projektu nie tylko SMART !

Specific – konkretny, co planujesz osiągnąć?;

Measurable – mierzalny; (wskaźniki) Ile? Jak dużo? Jak szybko?

Acceptable – wynikające z opisu i oczekiwań grupy docelowej;

Realistic – cel jest możliwy do osiągnięcia biorąc pod uwagę czas i zasoby;

Time-bound – określony w czasie;

POPRAW, UDOSKONAL / ULEPSZ, UŁATW, WZMOCNIJ !

1.1 Objectives and ambition „beyond the state-of-the-art” [RIA,IA]

- ➔ przełomowe badania i innowacje, nowatorskie koncepcje i podejścia, nowe/ulepszone produkty, usługi, technologie, modele biznesowe i organizacyjne w odniesieniu do tego co już jest na rynku;
- ➔ jaka jest Twoja oferta dla użytkownika końcowego?
 - szybsza, tańsza, bardziej niezawodna, bardziej wydajna, posiadająca mniej niepożądanych efektów niż istniejąca, łatwiejsza w obsłudze;
- ➔ **błąd** powoływanie się na własne badania;

NIE BĄDŹ ZBYT AMBITNY - BARDZIEJ REALNY !



1.1 Objectives and ambition Technology Readiness Levels (TRL) [RIA,IA] Poziomy Gotowości Technologicznej - General Annexes

Przykład 1: *HORIZON-CL4-INDUSTRY-2025-01-TWIN-TRANSITION-01: Integrated approaches for remanufacturing (Made in Europe Partnership) (IA); Horizon Europe - Work Programme 2025 Digital, Industry and Space - [Pre-publication of work programme 2025](#)*

Type of Action	Innovation Actions
Technology Readiness Level	Activities are expected to start at TRL 5 and achieve TRL 6-7 by the end of the project – see General Annex B.

Przykład 2: *HORIZON-CL5-2026-01-D2-01: Development of sustainable and design-to-cost batteries with (energy-)efficient manufacturing processes and based on advanced and safer materials (Batt4EU Partnership); Horizon Europe - Work Programme 2025 Climate, Energy and Mobility - [Pre-publication of work programme 2025](#)*

Type of Action	Innovation Actions
Technology Readiness Level	Activities are expected to achieve TRL6 (for manganese-rich HLM) and TRL7 (for lithium manganese iron phosphate and sodium-ion) by the end of the project – see General Annex B. Activities may start at any TRL.

Technology Readiness Levels TRL



TRL	Description & Goal	Medical Example
TRL 1- Idea found	• Preliminary research stage: theories and concepts are being formed about the technology, but are not applied yet. • Goal of this stage: Identify the innovation and idea	Researchers have identified a new compound that has the potential to target a specific biological pathway involved in disease development, but the compound has not been tested in vitro or in vivo.
TRL 2- Basic Research	• Basic research and analytical studies are conducted but it is all speculative. • Goal of this stage: conduct conceptual studies to determine the feasibility of the technology and provide a basis for applied research.	The new compound has been synthesized, and researchers have conducted initial in vitro experiments to test its potential for therapeutic use.
TRL 3- Applied Research	• This stage involves testing in a controlled environment and initial evidence for practical use. • Goal of this stage: gather initial data for future research	Researchers have tested the new compound in animal models and have seen promising results, but it has not yet been tested in humans.

TRL	Description & Goal	Medical Example
TRL 4- Validation in Lab & small- scale prototype	- Beginning of development of the technology with low fidelity & limited testing of a small-scale prototype creation. - Goal of this stage: preliminary testing to observe meaningful results and identify potential issues to fix.	The new compound has been tested in Phase I clinical trials in a small group of healthy volunteers to determine its safety profile and pharmacokinetics.
TRL 5- Demonstration in intended environment	Prototype large-scale testing in an intended environment such as a laboratory or simulated environment. - Goal of this stage: show that the innovation works as intended, increasing the fidelity of the breadboard technology significantly.	The new drug has been tested in Phase II clinical trials in a small group of patients with the target disease, and preliminary evidence suggests that it may be effective in treating the disease.
TRL6- Demonstration in relevant environment	- Technology tested using a pilot plant or prototype system, at a scale close to operational level. - Goal of this stage: to show that the technology is effective, reliable and able to perform in real world environments.	The new drug has been tested in larger Phase III clinical trials involving a larger group of patients, and the results have been positive. The drug has demonstrated its effectiveness and safety in treating the target disease.

TRL	Description & Goal	Medical Example
TRL7– Demonstration in an operational environment	- Major step as the prototype model or system demonstrated as fully functional in an operational level, where all of its components are integrated and tested. - Goal of this stage: validating the performance of the technology and verifying that it meets all of the operational /functional requirements.	The new drug has been approved by regulatory agencies, such as the FDA or EMA, for use in the general population. Post-marketing surveillance is ongoing to monitor its long-term safety and efficacy.
TRL 8 – First of a kind commercial model	- The technology in its final form works, the system is complete, produced and qualified at an operational level. - Goal of this stage: to commercialize and scale up the technology for production.	The new drug has been widely adopted and is being used in clinical practice. Real-world data is being collected to further confirm its safety and effectiveness.
TRL 9 –Full commercial application	- The technology has met all the required standards and is available for consumers, has been widely adopted and is commercially available. - Goal of this stage: to establish that the technology is fully mature and deployed.	The new drug has been on the market for many years and has become a standard of care for the target disease. Ongoing research is being conducted to improve its efficacy, safety, and delivery methods.

1.2 Methodology [RIA,IA]

1.2 Coordination and/or support measures and methodology [CSA]

- ➔ wymień, wyjaśnij, przedstaw naukowe metody, modele i założenia;
- ➔ przedstaw główne idee wniosku projektowego;
- ➔ zwróć uwagę na zapisy w Programie Pracy;
- ➔ diagramy, wykresy, ścieżki, mechanizmy, techniki, wzory i wyrażenia matematyczne, opisy algorytmów, mile widziane, a nawet wymagane;
- ➔ miejsce, aby zademonstrować doskonałe / przełomowe technologie, które będą stosowane w ramach przyszłego projektu;

Przykład projekt *URBREATH; CORDIS*

„The work of the [URBREATH project](#) is organized around eight work packages and is founded under five main phases:

- The **preparation phase** will define the methodology to be followed during the development of the project and will deliver the functional and technical requirements (WP2)
- The **design and development phase** will release the URBREATH technical framework (WP3 & WP4)
- The **NBS co-creation processes phase** will use the URBREATH Framework in local LLs to co-create the NBS scenarios to be implemented in the selected urban areas (WP5, WP6)
- The **Knowledge co-creation and scaling phase** will collect and analyze all the information, results and lessons learnt to provide actionable knowledge and recommendations (WP7)
- The **Sustainable business planning phase** will contribute to the dissemination and awareness creation activities, and to the exploitation strategy and business plans (WP8)..”

1.2 Methodology [RIA,IA]

1.2 Coordination and/or support measures and methodology [CSA]

The Do No Significant Harm principle (DNSH)



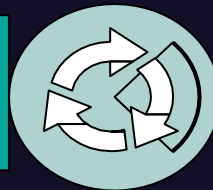
Łagodzenie zmian klimatu



Dostosowanie do zmian klimatu



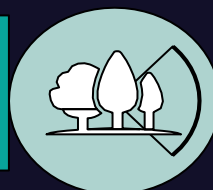
Zrównoważone użytkowanie i ochrona
zasobów wodnych



Przejęcie na gospodarkę o obiegu
zamkniętym



Zapobieganie zanieczyszczeniom
i ich kontrola



Ochrona i przywracanie różnorodności
biologicznej i ekosystemów

1.2 Methodology [RIA,IA]

1.2 Coordination and/or support measures and methodology [CSA]

- **sztuczna inteligencja** - *Artificial intelligence (AI)*; **Ethics Guidelines for Trustworthy AI**
 - nie naruszająca autonomii człowieka;
- **krajowe, międzynarodowe** badania, działania związane z projektem; *(RIA, IA)*
- **interdyscyplinarność** – co najmniej dwie dyscypliny; opisać, w jaki sposób wiedza specjalistyczna z różnych dziedzin zostanie wykorzystana w projekcie w sposób uzupełniający i kompleksowy; *(RIA, IA)*
- **zaangażowanie nauk społeczno-humanistycznych**; *(RIA, IA), (CSA ?)*

„...Under Horizon Europe, the effective **integration of social SSH in all clusters, including all Missions** and European partnerships, is a principle throughout the programme. The aim of SSH integration is to improve our assessment of and response to complex societal issues. Thus, SSH are a key constituent of research and innovation, especially regarding the twin green and digital transitions...”

HE Programme Guide – 10. Social Sciences and Humanities (SSH)

Przykład projekt *CULTURATI*; *CORDIS* (zakładka *Results*) - *Deliverable D1.1 Project Handbook*

„...This project is **inter-disciplinary** and **multi-national**, therefore, the consortium involves researchers from different backgrounds, **including computer science, marketing, management, sociology, anthropology, tourism, and cultural studies with publications in journals with high impact factors**. The technology partners are SMEs providing novel tools and technology with national and international experiences in various areas, including user-centred technologies, video analysis, tracking and monitoring, open-data, innovative Smart City solutions to provide immersive experiences to consumers. All pilot sites are well-known cultural heritage attractions with active engagement with their visitors, audiences, and public in various ways to ensure the exploitation of the project results. Accordingly, the consortium comprises 14 partners from Finland, Germany, Italy, Spain, Türkiye, and the UK...”

1.2 Methodology [RIA,IA]

→ wymiar płci w badaniach - **gender dimension** (RIA, IA)

„...In this topic the integration of the gender dimension (sex and gender analysis) in research and innovation content **is not a mandatory requirement...**”

AGA – Annotated Model Grant Agreement: ANNEX 5 HE RULES ON GENDER MAINSTREAMING

„**Examples (measures to promote gender equality within a project):** transparency of recruitment and advancement processes, including gender-sensitive language in vacancies and job-descriptions; plans and conditions for career advancement; transparent gender equal wage classification and grading of jobs; development of leadership opportunities; gender planning and budgeting; gender impact assessment of policies; climate surveys of institutions; trainings on unconscious gender biases in recruitment and assessment of researchers, as well as in collaborative work; adoption of family-friendly policies; promotion of gender sensitive mobility and dual-career couples schemes; measures to prevent and address gender based violence such as sexual harassment; ...”

Przydatne linki – *gender dimension* oraz *Gender Equality Plan (GEP)* – *Plan Równości Płci*

- ➔ *Gendered Innovations in Science, Health & Medicine, Engineering, Environment*
- ➔ *HE Programme Guide – 9.Gender equality and inclusiveness*
- ➔ *Gender equality in research and innovation*

Kontakt w KPK:

- Monika Ryndzionek, monika.ryndzionek@ncbr.gov.pl , 728 516 884
- Beata Oleksy, Beata.Oleksy@ncbr.gov.pl, 571 226 625

1.2 Methodology [RIA,IA]

1.2 Coordination and/or support measures and methodology [CSA]

→ **otwarta nauka** -*open science* - systematyczne wczesne udostępnianie wszystkich recenzowanych publikacji dotyczących projektu, obejmujące również materiały konferencyjne, udostępnienie oprogramowania, modeli, algorytmów, danych itp., na otwartych licencjach Creative Commons bez barier finansowych, prawnych czy technicznych;

AGA — Annotated Grant Agreement - ANNEX 5 SPECIFIC RULES ON COMMUNICATION, DISSEMINATION AND VISIBILITY



The European Commission offers Horizon Europe beneficiaries [Open Research Europe](#) (ORE), an **open access publishing platform with no publishing fees**. ORE is offered as an additional publishing option to Horizon Europe beneficiaries. When ORE is the selected publishing venue, all requirements for **open access** to scientific publications are automatically fulfilled, as ORE deposits publications in the all-purpose repository: [Zenodo under the conditions Required by Horizon Europe](#).

1.2 Methodology [RIA,IA]

1.2 Coordination and/or support measures and methodology [CSA]

Dane w przyszłym projekcie:

- **Findability** of data/research outputs - możliwe do odnalezienia (*DOI: Digital Object Identifiers*);
- **Accessibility** of data/research outputs - dostępne;
- **Interoperability** of data/research outputs - interoperacyjne;
- **Reusability** of data/research outputs - możliwe do ponownego wykorzystania;

Na etapie realizacji projektu powstaje plan zarządzania danymi - *Data management plan* (DMP)

Przykład projekt *CITRUS*; *CORDIS* (zakładka *Results*) – *Data management Plan*

„...Data generated in this project will include hardware and software performance data, safety assessment data and magnetic resonance imaging data. Hardware and software performance data: here we will predominately rely pdf format reports. Magnetic resonance imaging data: acquired data will be initially stored in Digital Imaging and Communications in Medicine (DICOM) format and then converted to Neuroimaging Informatics Technology Initiative (NIfTI) format for analysis.

Data size is expected to range from several MBs in case of performance and safety assessment data to hundreds of GBs for fMRI acquisition and analysis data. Overall data size is estimated at 5TB...”

European Commission

EU Funding & Tenders Portal

Sign inEN

HomeFunding▼Procurement▼Projects & results▼News & events▼Work as an expertGuidance & documents▼

Search...Q

2

Home > Guidance & documents > Reference documents

Reference documents

Filters

2021 - 2027 ▼

Horizon Europe (HORI... ▼

Programme Horizon Europe (HORIZON) ▼

> Legislation

> Work programme & call c

> Grant agreements and c

> Simplified cost decisions

> Guidance

> **Templates & forms**

> Experts lists

> Funding & Tenders Porta

▼ Project reporting templates

Periodic report (HE) ↗

Certificate on the financial statements (CFS) ↗

Time declaration ↗

Data management plan (HE) ↗

Progress report (HE MSCA) ↗

Contractor details and project abstracts (HE PCP PPI) ↗

End of phase/project results and conclusions (HE PCP PPI) ↗

IPR notifications ↗

Report on cumulative expenditure ↗

Report on the distribution of payments (final payment) ↗

programmes up to

Expand all ↓

2.Impact

<i>Research and innovation action (RIA)</i> <i>Innovation action (IA)</i>	<i>Coordination and support action(CSA)</i>
<i>2.Impact</i> <i>2.1 Project's pathways towards impact [e.g. 4 pages]</i> <i>2.2 Measures to maximise impact - Dissemination, exploitation and communication [e.g. 5 pages, including section 2.3]</i> <i>2.3 Summary</i>	<i>2.Impact</i> <i>2.1 Project's pathways towards impact [e.g. 4 pages]</i> <i>2.2 Measures to maximise impact - Dissemination, exploitation and communication [e.g. 5 pages, including section 2.3]</i> <i>2.3 Summary</i>

2.1 Project's pathways towards impact

→ jak wpisujemy się w **Expected outcome** zapisane w temacie, a jak w **Expected impact**

zapisany w „*destination*”?

→ **jak projekt zmieni w przyszłości** opisaną sytuację w Programie Pracy (*Work Programme*)?

→ **jak długo po zakończeniu** projektu będą widoczne zmiany?

→ jakie mogą być kolejne kroki wykraczające poza zakres projektu?

→ określ **konkretnie grupy docelowe**, które będą zainteresowane rezultatami projektu - potrzeby, wymagania, oczekiwania zainteresowanych grup docelowych!

→ rodzaj rynku docelowego, trendy, wielkość, dostępność?

Przykład z Work Programme 2025 Climate, Energy and Mobility - Pre-publication of work programme 2025

HORIZON-CL5-2025-06-D1-01: Climate simulations data and knowledge for optimal support of IPCC Assessments and International Policy

„Expected Outcome: Project results are expected to contribute to all of the following expected outcomes:

- The institutions in charge of generating the relevant information for decision makers can access and utilise in a timely manner scientifically robust climate projections corresponding to a range of future scenarios and their corresponding greenhouse gas emission pathways, including scenarios matching the Paris Agreement targets;
- Decision makers and society can better understand the impacts, risks and implications of pathways involving different magnitudes and durations of temperature overshoot;
- The European research community provides a coordinated contribution to the IPCC and other major scientific initiatives (e.g., IPBES, WCRP, World Adaptation Science Programme (WASP),...”

Przykład z Work Programme 2025 Climate, Energy and Mobility Pre-publication of work programme 2025

Destinations.....

Destinations

Climate sciences and responses for the transformation towards climate neutrality

Climate sciences and responses for the transformation towards climate neutrality

HORIZON-CL5-2025-06

support of IPCC Assessment

This Destination contributes directly to the Strategic Plan's **Key Strategic Orientations** 'Green transition', 'Digital transition' and 'A more resilient, competitive, inclusive and democratic Europe'.

HORIZON-CL5-2025-06

understanding of Earth system

In line with the Strategic Plan, the overall **expected impact** of this Destination is to contribute to the "Advancing science for a transition to a climate-neutral and resilient society".

HORIZON-CL5-2025-06

HORIZON-CL5-2025-06

forecasting of extreme and slow-onset climate- and weather-related events and their impacts

48

HORIZON-CL5-2025-05-Two-Stage-D1-05: Adaptation to Climate Change: Effectiveness and Limits.....

51

HORIZON-CL5-2025-06-D1-06: Fostering equity and justice in climate policies – Societal Readiness Pilot

55

2.1 Project's pathways towards impact

Scientific

e.g. contributing to specific scientific advances, across and within disciplines, creating new knowledge, reinforcing scientific equipment and instruments, computing systems (i.e. research infrastructures);

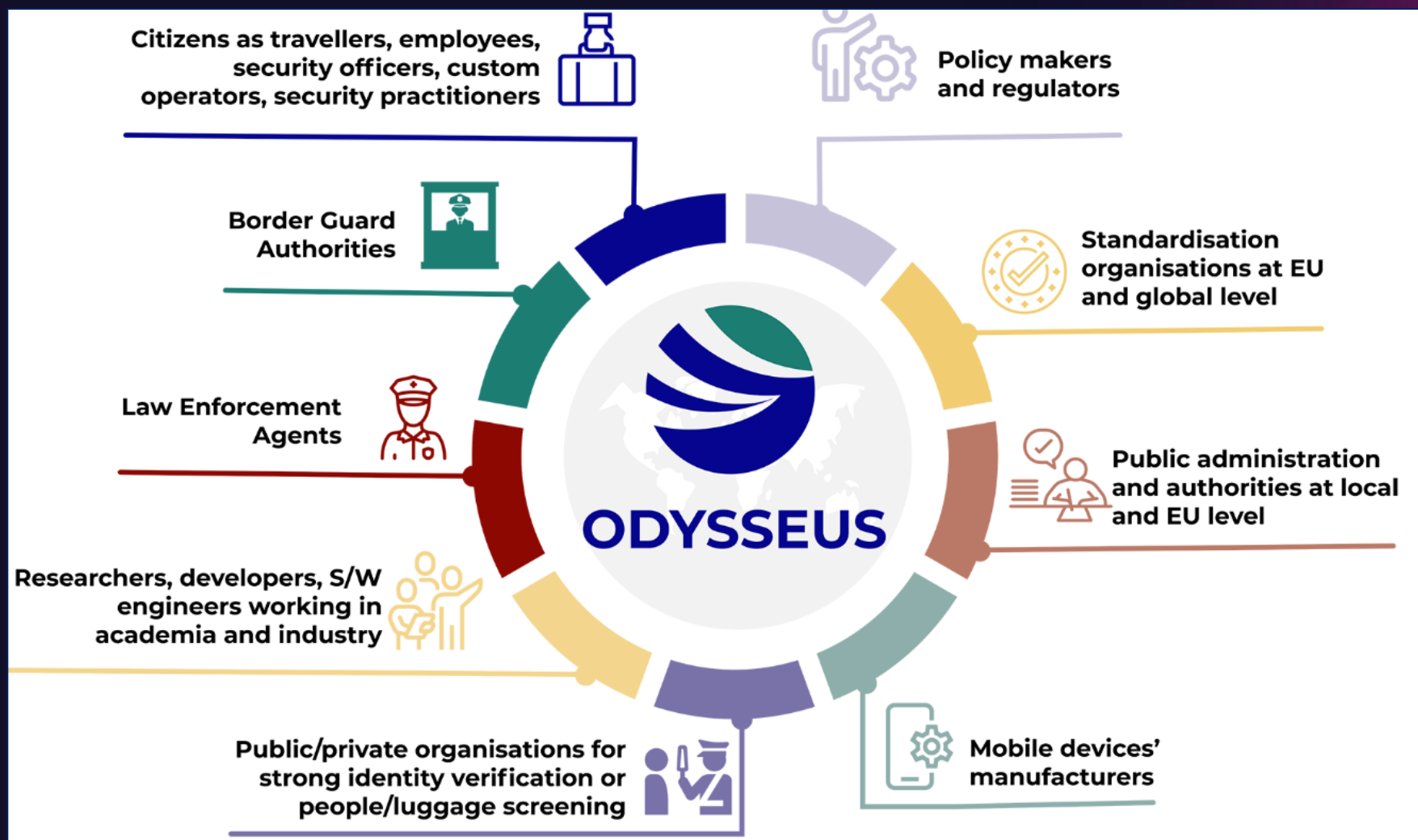
Economic/ technological

e.g. bringing new products, services, business processes to the market, increasing efficiency, decreasing costs, increasing profits, contributing to standards' setting, etc.;

Societal

e.g. decreasing CO2 emissions, decreasing avoidable mortality, improving policies and decision making, raising consumer awareness.

Przykład „target groups” projekt ODYSSEUS



2.1 Project's pathways towards impact

→ potencjalne bariery wpływające na realizację projektu jak regulacje, regulaminy, polityki itp.;

Category of barrier	Przykład <i>Report on barriers to implementing E1st in the EU-28</i> - projekt <i>Enefirst</i> ; <u>CORDIS</u>
Political barriers	Barriers might be inherent in the policy design, caused by political decision-makers or lie in the political system in general. For example, a policy might limit the scope of options considered or create a bias in the decision-making when the eligibility criteria favour specific options, or when there is a political decision to support fossil fuel infrastructure instead of implementing efficiency measures first.
Regulatory barriers	Regulatory barriers can refer to energy system barriers, network barriers or barriers within regulation in general. Such barriers occur for example when current regulations impede the choice of demand-side resources as alternatives to supply-side resources, or when current regulations create a bias in favour of supply-side resources. For example, a building code might create a bias in the decision-making in favour of renewable energy supply over end-
Financial barriers	These barriers can point to either lack of money available or lack of returns when implementing E1st, lack of subsidies directed at E1st or financial emphasis on other priorities which do not support E1st implementation. The barriers can for example...
...	
Cultural barriers	Cultural habits of professionals might limit the scope of options considered (e.g. installers suggesting only options they are used to), or tend to favour some options, creating a bias in the decisionmaking...

2.2 Measures to maximise impact - Dissemination, exploitation and communication

Communication: *aktywna promocja projektu, partnerów w konsorcjum od pierwszego miesiąca wystartowania projektu, również rezultatów aż do zakończenia projektu;*

- *informacja dostarczona do wielu odbiorców;*

Dissemination *publiczne udostępnianie i rozpowszechnianie **rezultatów projektu** np.: program komputerowy, model nauczania, kultura komórkowa, nowy test diagnostyczny, baza danych, algorytm, nowy model biznesowy, patent, szkolenie;*

- *skierowane do zainteresowanych grup docelowych tym konkretnym rezultatem projektu;*

Exploitation: *wykorzystanie rezultatów projektu również po jego zakończeniu np.: licencja, działania demonstracyjne, dalsze badania, usługi, edukacja;*

2.2 Measures to maximise impact - Dissemination, exploitation and communication

- ➔ we wniosku opisujemy strategie działań upowszechniających rezultaty projektu i ich wykorzystanie, komunikacje/promocje projektu;
- ➔ szczegółowy plan upowszechnienia rezultatów projektu i ich wykorzystania, komunikacji powstaje na etapie realizacji projektu;

Przykład projekt **RETRIEVE; CORDIS** (zakładka - **Results**): **D7.1 Dissemination and Communication Plan**

Targeted audience		Project objectives	Communication tools ³
Group	Sub-group		
Stakeholders	• Building owners • Building administrators • Financing entities • Investors • Installers • Planners • Utilities • ESCOs • Certification bodies	• Leverage environmental and social benefits of HAPPENING solution (A low carbon heating and cooling system). • Increase reliability and understanding on RES retrofitting solutions. • Unleash its full potential through real demonstrations. • Demonstrate cost-effectiveness and efficiency on the performance of RES to cover 70% of whole energy demand. • Collect feedback on renewable energy supply systems product specifications and market needs.	• Public deliverables • Flyers • Events (presentation of results, fairs)

Przykłady planów upowszechnienia, wykorzystania i komunikacji

Akronim		CORDIS zakładka <i>Results (Documents, reports)</i>
<i>SustDesignTex</i>	Koordynator Politechnika Łódzka	https://cordis.europa.eu/project/id/101079009
<i>CAPHE</i>	Koordynator Uniwersytet Jagielloński,	https://cordis.europa.eu/project/id/101086391
<i>SAME-NeuroID</i>	Koordynator Sieć Badawcza Łukasiewicz - PORT Polski Ośrodek Rozwoju Technologii	https://cordis.europa.eu/project/id/101079181
<i>Grinner</i>	Koordynator Lynq Poland Spółka Z Ograniczoną Odpowiedzialnością	https://cordis.europa.eu/project/id/101070321

Media społecznościowe w projekcie

- ➔ Do kogo adresujemy informację ?
- ➔ Jakich platform społecznościowych używają grupy docelowe ?
- ➔ Kto w konsorcjum będzie najlepszy do realizacji tych zadań?
- ➔ Kluczowe wskaźniki efektywności – *Key performance indicators (KPI)*;
- ➔ Jak często będziemy publikować informacje?

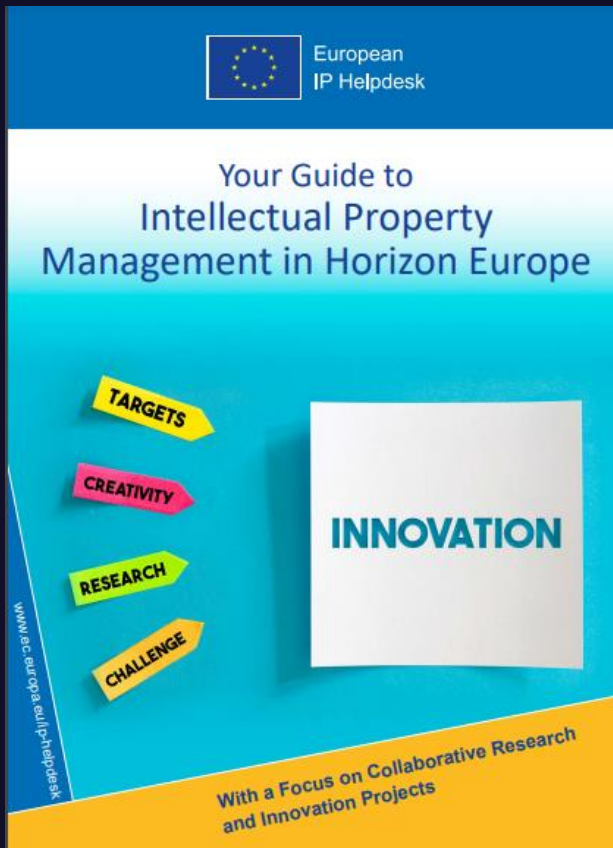
Media społecznościowe najczęściej używane w projektach (*Social media*) np.:

Twitter, Facebook, LinkedIn, Google+, Instagram, Pinterest;

HE Social Media Guide

2.2 Measures to maximise impact - Dissemination, exploitation and communication

- *Your Guide to Intellectual Property Management in Horizon Europe*



- *Annotated Grant Agreement: ARTICLE 16 — Intellectual Property Rights (Ipr) — Background And Results — Access Rights And Rights Of Use*
- *Annotated Grant Agreement: ANNEX 5 SPECIFIC RULES ON IPR*
- *European IP Helpdesk* - Inicjatywa Komisji Europejskiej; bezpłatne wsparcie w zakresie własności intelektualnej (IP);

2.3 Summary „impact canvas”

SPECIFIC NEEDS	EXPECTED RESULTS	D & E & C MEASURES
<i>What are the specific needs that triggered this project?</i>	<i>What do you expect to generate by the end of the project?</i>	<i>What dissemination, exploitation and communication measures will you apply to the results?</i>

Under Horizon Europe proposals, is the impact canvas really obligatory?

Can the applicant adapt the canvas and be "creative"?

*Although the impact canvas is not strictly required, it may be extremely useful for the applicant (for the drafting) and for the evaluators (for the evaluation) to have a summary of the key elements of the pathway to impact of the project. Applications who do not to fill the canvas will be accepted; they will however be assessed against applications that have filled it. **We therefore strongly encourage to use the impact canvas.***

		<i>respective dissemination in the work programme?</i>
--	--	--

2.3 Summary „impact canvas”

SPECIFIC NEEDS	EXPECTED RESULTS	D & E & C MEASURES
Most airports use process flow-oriented models based on static mathematical values limiting the optimal management of passenger flow and hampering the accurate use of the available resources to the actual demand of passengers.	Successful large-scale demonstrator: Trial with 3 airports of an advanced forecasting system for proactive airport passenger flow management. Algorithmic model: Novel algorithmic model for proactive airport passenger flow management	Exploitation: Patenting the algorithmic model. . Dissemination towards the scientific community and industry: Scientific publication with the results of the large-scale demonstration. Communication towards citizens: An event in a shopping mall to show how the outcomes of the action are relevant to our everyday lives.
TARGET GROUPS	OUTCOMES	IMPACTS
9 European airports: Schiphol, Brussels airport, etc. The European Union aviation safety agency. Air passengers (indirect).	Up-take by airports: 9 European airports adopt the advanced forecasting system demonstrated during the project.	Scientific: New breakthrough scientific discovery on passenger forecast modelling. Economic: Increased airport efficiency Size: 15% increase of maximum passenger capacity in European airports, leading to a 28% reduction in infrastructure expansion costs.

3. *Quality and efficiency of the implementation*

<i>Research and innovation action (RIA)</i> <i>Innovation action (IA)</i>	<i>Coordination and support action(CSA)</i>
<i>3. Quality and efficiency of the implementation</i> <i>3.1 Work plan and resources [e.g. 14 pages (19 pages for topics using lump sum funding) – including tables]</i> <i>3.2 Capacity of participants and consortium as a whole [e.g. 3 pages]</i>	<i>3. Quality and efficiency of the implementation</i> <i>3.1 Work plan and resources [e.g. 10 pages (13 pages for topics using lump sum funding) – including tables]</i> <i>3.2 Capacity of participants and consortium as a whole [e.g. 3 pages]</i>

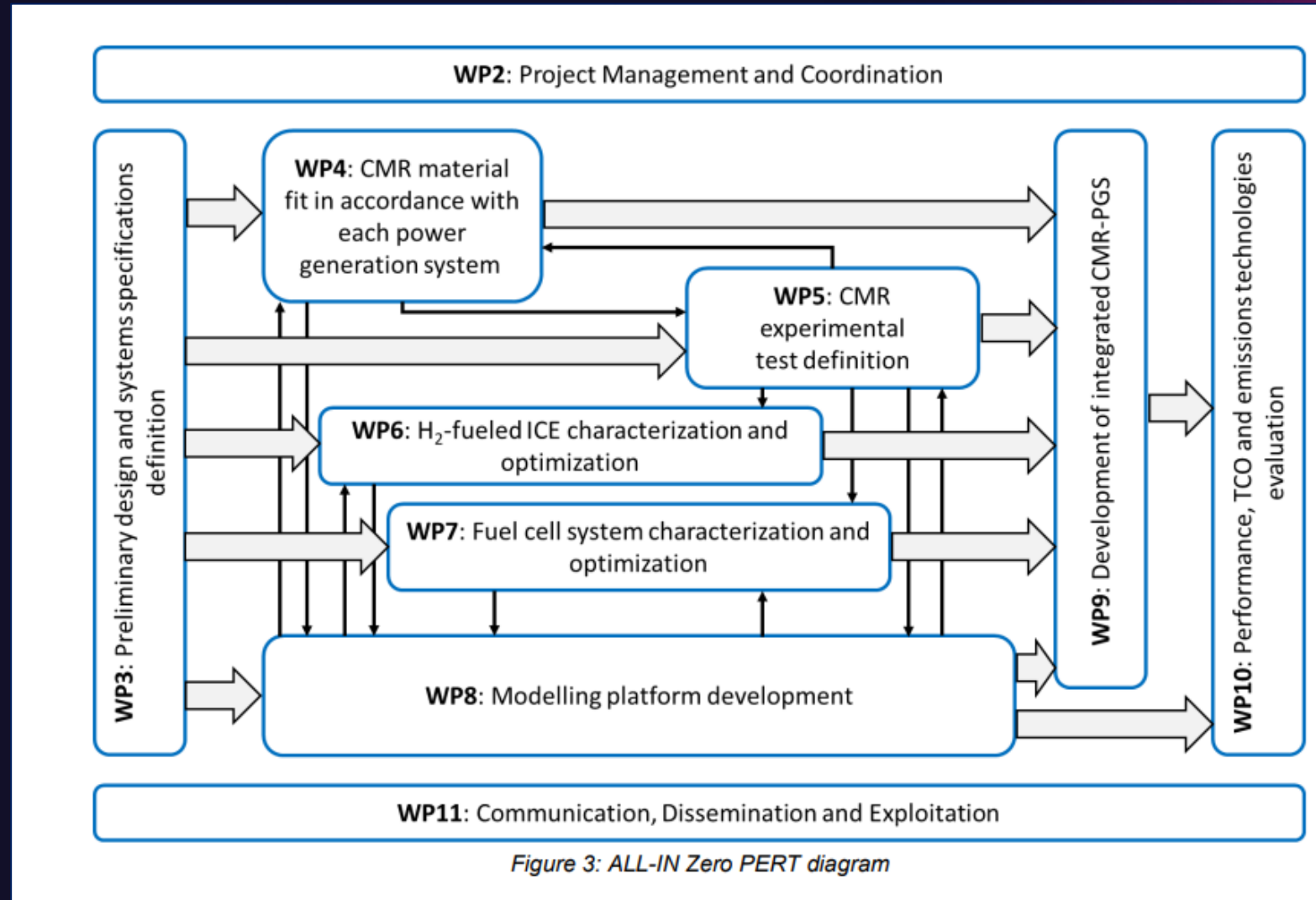
3.1 Work plan and resources

- ➔ opis planu pracy
- ➔ harmonogram poszczególnych pakietów pracy – wykres Gantt;
- ➔ graficzna prezentacja zależności między pakietami pracy – diagram PERTA;
- ➔ tabele w szablonie:
 - *a list of work packages (table 3.1a);*
 - *a description of each work package (table 3.1b);*
 - *a list of deliverables (table 3.1c);*
 - *a list of milestones (table 3.1d);*
 - *a list of critical risks, ...(table 3.1e);*

[illegible]

[illegible]

Przykład diagram PERT-a projekt *ALL-IN Zero; CORDIS* (zakładka *Results*) Project Management Plan



3.1 Work plan and resources - *Table 3.1a: List of work packages*

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

3.1 Work plan and resources - *Table 3.1b: Work package description*

Table 3.1b: Work package description

For each work package:

Work package number	
Work package title	

 *Participants involved in each WP and their efforts are shown in table 3.1f. Lead participant and starting and end date of each WP are shown in table 3.1a.)*

Objectives

Description of work (where appropriate, broken down into tasks), lead partner and role of participants. Deliverables linked to each WP are listed in table 3.1c (no need to repeat the information here).

3.1 Work plan and resources - *Table 3.1c: List of Deliverables*

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

Type: R: Document, report (excluding the periodic and final reports)
DEM: Demonstrator, pilot, prototype, plan designs
DEC: Websites, patents filing, press & media actions, videos, etc.
DATA: Data sets, microdata, etc.
DMP: Data management plan,
ETHICS: Deliverables related to ethics issues.
SECURITY: Deliverables related to security issues
OTHER: Software, technical diagram, algorithms, models, etc.

Dissemination level: PU – Public, SEN – Sensitive, limited under the conditions of the Grant Agreement, Classified R-UE/EU-R – EU RESTRICTED under the Commission Decision No2015/444, Classified C-UE/EU-C – EU CONFIDENTIAL under the Commission Decision No2015/444, Classified S-UE/EU-S – EU SECRET under the Commission Decision No2015/444

Delivery date: Measured in months from the project start date (month 1)

Przykład projekt *ClearClimate*; CORDIS (zakładka *Results*) - *D1.2 Project Handbook*

Table 8. List of the ClearClimate foreseen deliverables (*R: Report; DEC: Websites, patent filings, videos, etc., PU: Public; SEN: Sensitive*)

WP No.	Deliverable name	Lead	Nature	Type	Due Month
WP1	D1.1 Data Management plan	SWPS	R	PU	6
	D1.2 Project Handbook	WU-DES	R	PU	3
	D1.3 IPR management Strategy	CESIE	R	PU	24
	D1.4 Strategy for ethical management	UAB	R	PU	6
	D1.6 Progress report	UNSPMF	R	SEN	13
	D1.7 Mid-term meeting	UNSPMF	R	SEN	18
WP2	D2.1 Preliminary report on user preferences and user-cantered design	WU-DES	R	PU	18
	D2.2 Report on integrating local knowledge to transform scientific data into user cantered information	UDS	R	PU	15
	D2.3 Final report on user preferences and user-centred design	WU-DES	R	PU	42
WP3	D3.1 Assessment and comparison of AI-based climate information services	CAS	R	PU	18
	D3.2 Experiments implementation and evaluation report	Predictia	R	PU	40

3.1 Work plan and resources - *Table 3.1d: List of Milestones*

Milestone number	Milestone name	Related work package(s)	Due date (in month)	Means of verification

KEY

Due date

Measured in months from the project start date (month 1)

Means of verification

Show how you will confirm that the milestone has been attained. Refer to indicators if appropriate. For example: a laboratory prototype that is 'up and running'; software released and validated by a user group; field survey complete and data quality validated.

Przykład „Milestones” projekt *DISRUPT; CORDIS* (zakładka *Results*) *Management and Quality Plan*

WP No	WP Title
1	Management and
2	Tomograph conc and optimisation
3	Fabrication and microfluidic subs
4	Tomograph dem integration, and v
5	Dissemination, C and Exploitation

Table 4. Milestones of the Project

No	Milestone name	WP	Date	Means of verification
MS1	Diffraction tomography algorithm validated	WP2	M12	D2.2; KPI: 1,2
MS2	BBs and holographic module fabricated and tested	WP2	M21	D2.3, D2.4; KPI: 3,4
MS3	Implementation of AI algorithms	WP3	M24	D3.1; KPI: 1,2,6-8
MS4	Microfluidic and injection platform validation	WP3	M28	D3.2; KPI: 5
MS5	Assembly of the complete tomograph device	WP4	M32	D4.1; KPI: 1,2
MS6	Validation of the tomograph (cancer, inf. cells)	WP4	M35	D4.2, D4.3; KPI: 6-10

3.1 Work plan and resources - *Table 3.1e:Critical risks for implementation*

Table 3.1e: Critical risks for implementation #@RSK-MGT-RM@#

Description of risk (indicate level of (i) likelihood, and (ii) severity: Low/Medium/High)	Work package(s) involved	Proposed risk-mitigation measures

Definition critical risk:

A critical risk is a plausible event or issue that could have a high adverse impact on the ability of the project to achieve its objectives.

Level of likelihood to occur: Low/medium/high

The likelihood is the estimated probability that the risk will materialise even after taking account of the mitigating measures put in place.

Level of severity: Low/medium/high

The relative seriousness of the risk and the significance of its effect.

Przykład „Milestones” projekt *DISRUPT*; *CORDIS* (zakładka *Results*)

Management and Quality Plan

Description of risk	WP	Proposed risk-mitigation measures
Poor TPM spatial resolution for having too few NAs due to a small detection radius R (H/L)	WP2	Increase NA received power by covering the sample with a SiO_2 layer (to avoid leakage to the substrate), enabling a higher value of R and thus more NAs
Undesired cell rotation in the channel (M/M)	WP2, WP3	Include correction in the TPM and AI algorithms
E-beam not reaching the required resolution for such a large and complex PIC (L/M)	WP3	Use nanoimprint fabrication equipment (recently acquired by UPV)
The microfluidic chip cannot be assembled within the photonic system (H/M)	WP3	Chemical attack to develop the microfluidic channels onto the SiN layers of the photonic system
The microfluidic chip cannot separate and position the cells according to the application demand due to varying flow (L/H)	WP3	A precise flow will be ensured by 1) a smart flow restrictor network on the microfluidic chip and 2) a flow sensor system controlling pump and fluid input to monitor the flow and regulate it if needed.
The microfluidic chip cannot present the cells correctly in the optical field (L/H)	WP3	A controlled sheath flow approach will be embedded and a) channel design, b) sheath flow media and c) the flow control will ensure to present the cells accordingly. In addition to this AI will enable a proper read-out for dislodged cells.

3.1 Work plan and resources – pozostałe tabele w szablonie

- *a table showing number of person months required (table 3.1f);*
- *a table showing description and justification of subcontracting costs for each participant (table 3.1g);*
- *a table showing justifications for ‘purchase costs’ (table 3.1h) for participants where those costs exceed 15% of the personnel costs (according to the budget table in proposal part A);*
- *if applicable, a table showing justifications for ‘other costs categories’ (table 3.1i);*
- *if applicable, a table showing in-kind contributions from third parties (table 3.1j)*

3.2 Capacity of participants and consortium as a whole

- opisać konsorcjum jako całość uwzględniając partnerów między innymi z nauk społecznych;
- jak partnerzy uzupełniają się wiedzą i doświadczeniem w danej teamtyce;
- czy partnerzy mają odpowiednie środki do realizacji działań w przyszłym projekcie;
- partnerzy przemysłowi, podwykonawcy jeżeli są potrzebni wyjaśnić dlaczego?
- kraje z poza Unii Europejskiej – jaki wkład mają w Europejską Przestrzeń Badawczą ?

www.kpk.gov.pl

Joanna Niedziałek, 795 101 046

joanna.niedzialek@ncbr.gov.pl