Housekeeping

- To avoid background noise all participants will be muted and cameras will be off.
- We will allow delegates to unmute themselves and share their cameras during the breakout rooms.
- Please use the chat to introduce yourself. Please note due to GDPR we cannot share the chat so capture what you need (copy/paste, screenshot or photo)
- Please also use the Q&A function to submit your questions.
- If you have any technical problems, please use the chat to seek advice from the host (Michael Foster)
<table>
<thead>
<tr>
<th>Time (UK timings)</th>
<th>Item</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:00</td>
<td>Welcome, introduction and aims of the day</td>
<td>Belen Rebollo - Innovate UK KTN</td>
</tr>
<tr>
<td>12:10</td>
<td>UK participation and benefits for UK participants</td>
<td>Jon Brookes - UKRO</td>
</tr>
<tr>
<td>12:20</td>
<td>Overview of WIDERA instruments and NCP support for WIDERA coordinators</td>
<td>Karina Barantseva - Widening NCP, NCBR, Poland Adam Weglowek - Widening NCP, NCBR, Poland</td>
</tr>
<tr>
<td>12:35</td>
<td>Twinning Calls</td>
<td>Aurelija Povilaika - NCP Lithuania</td>
</tr>
<tr>
<td>12:45</td>
<td>Q&amp;A</td>
<td>Belen Rebollo</td>
</tr>
<tr>
<td>12:55</td>
<td>Case study from Poland</td>
<td>Jan Osinski - NCBR</td>
</tr>
<tr>
<td>13:05</td>
<td>Case studies from Estonia</td>
<td>Kristin Kraav - Estonian Research Council</td>
</tr>
<tr>
<td>13:15</td>
<td>Q&amp;A</td>
<td>Belen Rebollo</td>
</tr>
<tr>
<td>13:25</td>
<td>BREAK</td>
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<tr>
<td>13:35</td>
<td>Support from SIN network</td>
<td>James Molaughlin - SIN Network</td>
</tr>
<tr>
<td>13:45</td>
<td>Pitching presentations</td>
<td></td>
</tr>
<tr>
<td>14:05</td>
<td>Breakout rooms: A break out room for each pitcher</td>
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<td></td>
<td>UK participation - (Jon)</td>
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<tr>
<td></td>
<td>Teaming, Pathways to Synergies, ERA Chairs - (Karina &amp; Jan)</td>
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<tr>
<td></td>
<td>Twinning, ERA Talent - (Aurelija &amp; Kristin)</td>
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<td></td>
<td>SIN Network</td>
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<td></td>
<td>2 extra networking rooms</td>
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<tr>
<td>14:50</td>
<td>Wrap-up</td>
<td></td>
</tr>
</tbody>
</table>
Innovate UK KTN – European Programmes
Activity and support

Belen Rebollo-Garcia
Knowledge Transfer Manager
belen.rebollo-Garcia@iuk.ktn-uk.org
Innovate UK KTN exists to connect innovators with new partners and new opportunities beyond their existing thinking – accelerating ambitious ideas into real-world solutions.

Cross-Sector Expertise

Agrifood  
Biotechnology  
Chemistry  
Creative Industries  
Design  
Digital  
Electronics  
Energy  
Geospatial  
Health  
Industrial Maths  
Infrastructure  

Manufacturing  
Materials  
Photonics  
Quantum  
Robotics & AI  
Security & Defence  
Sensors  
Space  
Transport  
Water
Our Network

46,229 Unique Organisations

72% Small
15% Medium
13% Large

234,478 innovators

Every university in the UK

Our Outputs

66%
introduced by KTN go on to collaborate

42%
reach outcomes faster (1-2 years)

60%
increased investment in R&D direct result from KTN engagement

£100m
per year increased investment in R&D
We support UK organisations in engaging with International R&I initiatives (i.e. Horizon Europe and EUREKA, among them) and help shape future funding priorities by:

- Organising consortium building activities / events in selected topics
- Offering “Travel Grants” to attend European brokerage events
- Managing international collaboration platforms
- Engaging with International Partnerships and Technology Platforms
- Providing sector specific advice on market opportunities and project impact

We work closely with the National Contact Points, Innovate UK Edge and the FCDO / Science Innovation Network.
UK participation in Horizon Europe & benefits for UK participants in WIDEREA

Jon Brookes
UK Research Office (UKRO)
Widening participation and spreading excellence—

UK Perspective

18 April 2023
Jon.Brookes@ukro.ac.uk
About UKRO

We support UK research intensive organisations

Provide a service to more than 140 subscribing organisations

A Brussels-based team of advisors

Part of UKRI’s wider International team

UK National Contact Point for ERC, Marie Skłodowska-Curie Actions, COST and… Widening Participation.
New UKRO Portal

• Easier access to UKRO resources based on a typical user journey

• Visually attractive content fully integrated with UKRO’s visual identity

• Improved search functionality

• Improved security
Update on UK Participation in Horizon Europe
UK participation in Horizon Europe

Dec 2020: UK-EU Agreement incl. announcement of intention for UK to associate to Horizon Europe

Agreement sets out that UK entities can participate in/coordinate projects and receive funding from Horizon Europe.
European Commission’s Q&A confirms UK eligibility to apply

“...UK applicants are treated as if the UK is an associated country throughout the process, from admissibility and eligibility to evaluation, up until the preparation of grant agreements.”
Where are we at the moment?

Association pending
- Submission as beneficiary,
- change to Associated Partner at GAP phase for Guarantee funding

Association finalised
- Submissions as beneficiary with EU funding. No changes at GAP phase.

UK unable to associate
- Submissions as Associated Partners with UK funding.
- UK Gov Transitional measures applying.
Key message

Keep applying to Horizon Europe as **beneficiaries** requesting EU budget.
WIDERERA National Contact Point

UKRO has temporarily closed the phone lines for the WIDERERA NCP but the helpdesk will continue to operate a full service as usual via e-mail widera-uk@ukro.ac.uk. If you have any questions regarding WIDERERA, please, do not hesitate to contact us.

We also offer online meetings. You can request this through the e-mail address above.

Sign up for UK Horizon Europe newsletters for regular updates on the programme from the UK National Contact Points.

The UK WIDERERA National Contact Point is funded by the Department for Science, Innovation & Technology.

Follow us at @UKRO_

Eligibility of UK applicants in Horizon Europe

The European Commission has published Questions & Answers on the UK's participation in Horizon Europe which states that:

UK applicants are treated as if the UK is an associated country throughout the process, from admissibility and eligibility to evaluation, up until the signature of grant agreements. However, grant agreements can only be signed once the association has come into force.
Widening and ERA

Widening participation and Strengthening the European Research Area

A gender-equal research area, attracting global talent (UKRO article)

Fostering brain circulation and preventing brain drain (UKRO article)

Fostering transnational cooperation

Aimed at improving proposal quality from Member State legal entities with low R&I performance

**Widening areas of intervention:**
- COST Actions
- Teaming
- Twinning
- ERA-Chairs
- Excellence initiatives

**Reforming and enhancing the European R&I system**
- support to national policy reform
- providing attractive career environments
- gender equality and citizen science.
  (SWAFS in H2020)

Find out about current proposals for the European Research Area.
Which Countries are ‘Widening’ Countries?

A ‘Composite indicator of Research Excellence’ (with a corrective threshold of 70% of the EU average) is used to distinguish those countries identified as ‘Widening’ countries. These are:

- **Member States**: Bulgaria, Croatia, Cyprus, Czech Republic, Estonia, Greece, Hungary, Latvia, Lithuania, Malta, Poland, Portugal, Romania, Slovakia and Slovenia.

  *Luxembourg will not be classed as a widening country in Horizon Europe.*

- **Associated Countries** (subject to valid association agreements of third countries with Horizon Europe. Previously in Horizon 2020 these included): Albania, Armenia, Bosnia and Herzegovina, Faroe Islands, North Macedonia, Georgia, Moldova, Montenegro, Serbia, Tunisia, Turkey and Ukraine.

- Notably, 3.3% of the total Horizon Europe budget ringfenced for widening opportunities.
Widening participation/spreading excellence (opportunities available)

- National Contact Point (NCP) Support
- Pre-proposal checks
- 15 Member States and 9 outermost regions eligible for coordinators
- At least 3.3% budget
- Recognition of participation
- Match-making
  - Foster participation
  - Facilitate collaborative links
  - Contribute to reducing R&I divide
- Hop-on
- Excelling initiatives
  - Brain circulation
- Teaming
- Twinnin g
- ERA-Chairs
- COST
Thank you!
Overview of WIDERERA Instruments and support for Coordinators

Karina Barantseva
WIDENING NCP in Poland
NCBR
Overview of WIDERERA Instruments and NCP Support for WIDERERA Coordinators

Karina Barantseva
Widening NCP, NCBR, Poland
Horizon Europe: Overall Architecture

SPECIFIC PROGRAMME IMPLEMENTING HORIZON EUROPE & EIT*
Exclusive focus on civil applications

Pillar I
EXCELLENT SCIENCE
- European Research Council
- Marie Skłodowska-Curie
- Research Infrastructures

Pillar II
GLOBAL CHALLENGES & EUROPEAN INDUSTRIAL COMPETITIVENESS
- Health
- Culture, Creativity & Inclusive Society
- Civil Security for Society
- Digital, Industry & Space
- Climate, Energy & Mobility
- Food, Bioeconomy, Natural Resources, Agriculture & Environment

Clusters
- Joint Research Centre

Pillar III
INNOVATIVE EUROPE
- European Innovation Council
- European innovation ecosystems
- European Institute of Innovation & Technology*

WIDENING PARTICIPATION AND STRENGTHENING THE EUROPEAN RESEARCH AREA
- Widening participation & spreading excellence
- Reforming & Enhancing the European R&I system
Widening Countries

- Bulgaria
- Croatia
- Cyprus
- Czechia
- Estonia
- Greece
- Hungary
- Latvia
- Lithuania
- Malta
- Poland
- Portugal
- Romania
- Slovakia
- Slovenia

Associated Countries:

- Albania
- Armenia
- Bosnia & Herzegovina
- Faroe Islands
- Georgia
- Kosovo
- Moldova
- Montenegro
- North Macedonia
- Serbia
- Tunisia
- Turkey
- Ukraine
- Morocco,

as well as the Outermost Regions (defined in Art. 349 TFEU).
Destination **Improved access to Excellence**

(requires a stronger R&I system where best practice is disseminated faster across the European Union)

- Twinning
- European Excellence Initiative (EEI)
- Hop-on facility

- Creating new or modernising existing centres of excellence by means of close and strategic partnerships with leading institutions abroad

- Teaming for Excellence

- Catalyzing better impact and sustainability of the widening actions

- Dissemination and Exploitation Support Facility
- Pathways to Synergies

- Innovation excellence focus, teaming up between academia, business, government and society

- Excellence Hubs
**Destination Attracting and mobilising the best talents**
(supports further progress on the free circulation of knowledge in an upgraded, efficient and effective R&I system)

Support universities or research organisations to attract and maintain high-quality human resources under the direction of an outstanding researcher, and to implement structural changes

Create opportunities for brain circulation for research and innovation talents across the ERA and across sectors, aiming to revert the brain drain from Widening countries. Foster a better exploitation of existing (and possibly jointly managed) research infrastructures in the targeted countries

Builds on the MSCA Postdoctoral Fellowships action, the target group are host organisations located in Widening Countries

- ERA Chairs
- ERA Talents
- ERA Fellowships
Novelties for Widening under Horizon Europe:

- More integrated policy approach and *enhanced synergies with regional policy*, transnational missions, regional smart specialisation strategies etc.
- Full *alignment with new ERA strategic priorities*
- *Continuation of* core widening instruments *Teaming, Twinning and ERA Chairs* with some improvements in response to lessons learnt
- *Research cost for CSA eligible* under widening opening opportunities for integrating smaller research projects into *Teaming, Twinning, EEI and ERA Chairs*
- Twinning is presented in 2 versions: *Twinning Bottom-Up (usual)* and *Twinning Green Deal*
- More emphasis on developing *management capacities*
- *Full integration of COST under Widening*, 80% of actions must have significant widening dimension
- *Fixed list of eligible Member States to host the main beneficiary* (EU13 + PT + EL) based on new indicators and internal study + Associated Countries
- *EU Outermost Regions fully eligible* to host the coordinator
- Full implementation of “*Advancing Europe*” *package* with a number of additional support schemes to boost participation of less research performing countries
NCP and HCP Support

Polish State Case
National Contact Points (NCPs)

(according to the Minimum standards and Guiding principles for setting up systems of National Contact Points (NCP systems) under Horizon Europe)

are support structures that have become an essential component in the implementation of successive Framework Programmes. They provide information and on-the-ground advice to potential applicants and beneficiaries, through the project life cycle, in their own language, in a manner that would be impossible for the Commission and its Agencies acting alone.
• Since November 2020, in the structures of NCBR
• NCP Department - team of **50 experts**
• Supporting the participation of Polish research organisations, enterprises and other entities in the Horizon Europe FP (*Minimum standards and Guiding Principles for setting up NCP systems under Horizon Europe*)
• Cooperating with European Commission, other EU institutions, MS and AS, Polish governmental partners, potential and actual beneficiaries of EU Framework Programmes for Research and Innovation
• Being the core of the PL support system
• Developing synergies and co-designing R&I national funding system for the forthcoming years
What is an NCP offer?

- NCP Department
  - Training, workshops, conferences, information days
  - Tailor-made services for future beneficiaries of Horizon Europe
  - Assistance in preparing project proposals
  - Consultation about project implementation
  - Legal and financial assistance
  - Assistance in seeking partners for international consortia
6 Horizontal Contact Points coordinated & financed by NCP Department in NCBR

- **Northern Poland (Gdańsk):** pomorskie, kujawsko-pomorskie, warmińsko-mazurskie voivodships
- **Western Poland (Poznań):** wielkopolskie, lubuskie, zachodniopomorskie voivodships
- **Southwestern Poland (Gliwice):** opolskie, śląskie, dolnośląskie voivodships
- **Southeastern Poland (Kraków):** małopolskie, podkarpackie, świętokrzyskie voivodships
- **Eastern Poland (Lublin):** lubelskie, podlaskie voivodships
- **Central Poland (Łódź):** łódzkie, mazowieckie voivodships (without the city of Warsaw)
NCP and EC Support for Project Consortia

NCP_WIDERA.NET Project Case
Advancing Europe Package Support

Target groups: Project Partners from Widening countries and Outermost Regions.

Scope of services:

- **Pre-screening services** - the service in regard to proposals pre-screening delivered by NCPs and/or external experts.

- **Services supporting pre-screening** – services will include organisation of 3 workshops on proposal preparation and 1 Info Day per country, and set of materials in national languages.

- **Organization of matchmaking and study visits** for potential applicants and science managers.

**Matchmaking** – includes financing of travels and logistics of applicants to Pillar II clusters Brokerage Events and study visits for applicants and science managers.
Financial Support to Third Parties (FST)

**Target groups:** NCPs hosting organisations (with WIDERA NCPs in house) from Widening countries and Outermost Regions, not being partners of the project consortium ie.: BA, GE, FR, MA, ME, RO, UA, XK.

**Mode:** open and transparent call implemented according to ERA Guidelines. Applications will be evaluated by selection committee established by Coordinator and consisting of experienced project members. Financial support will be offered in a form of lump sum.

**Scope of services:** the same as indicated in AEP. NCP hosting organisation that is not a project partner may decide on the activities that they want to be financed by FST.

**Contract and reporting:** beneficiaries will sign a contract with Project Coordinator and report their activities to the Management Committee every 12-month, therefore the financial support will be divided into three tranches.
**Expert Database**

**Expert Database** - IT platform that will support NCPs in matchmaking between external experts and WIDER, Pillar 2, and EIC Pathfinder proposals prepared by coordinators and Work Package Leaders from Widening countries (that are willing to use the pre-screening service offered by our project).

**Purpose:** to improve quality of the Widening proposals → increase participation of Widening countries in HE → reduce the R&I gap across EU

NCPs verify the candidates, do the matchmaking

Experts candidates, verified experts

Widening applicants WIDER, Pillar 2, EIC Pathfinder
Thank you for your attention!

Karina Barantseva, National Contact Point Department
NCBR

+48 502 052 236
karina.barantseva@ncbr.gov.pl
WIDERERA NCP Project

Adam Weglowski
WIDENING NCP in Poland
NCBR
Twinning Calls

Aurelija Povilaike
WIDENING NCP in Lithuania
Estonian Research Council
WIDERA: Twinning

Aurelija Povilaikė, NCP Coordinator, WIDERA NCP
aurelija.povilaike@lmt.lt

LinkedIn
@povilaike
Coordinators can only be from Widening countries EU13+ and associated countries.

Pillar 1: Excellent Science
- European Research Council
- Marie Skłodowska-Curie Actions
- Research Infrastructures

Pillar 2: Global Challenges and European Industrial Competitiveness
- Health
- Culture, Creativity and Inclusive Society
- Civil Security for Society
- Digital, Industry and Space
- Climate, Energy and Mobility
- Food, Bioeconomy, Natural Resources, Agriculture and Environment
- Joint Research Centre

Pillar 3: Innovative Europe
- European Innovation Council
- European Innovation Ecosystems
- European Institute of Innovation and Technology

Widening Participation and Strengthening the European Research Area
- Widening participation and spreading excellence
- Reforming and Enhancing the European R&I system

Work programme 2023-2024
Financial Instruments
HORIZON-WIDEREA-2021-ACCESS-03-01
(Twinning)

Total number of eligible proposals: 388
Total number of retained: 103
Policy objective: strengthen a defined field of research in a university or research organisation by linking it with at least two leading research institutions in other Member States or Associated Countries in the chosen scientific domain.
**TWINNING**

How:
- CSA grant (up to 3 years and 1,5 million €) involving the coordinator established in an eligible country
- **NEW!** Lump Sum financial model
- comprehensive scientific strategy for stepping up and stimulating scientific excellence and innovation capacity in a **defined area of research**, 
- clear outline of the scientific quality of the partners involved,
- dedicated work package or task **focused on strengthening the research management** and administration skills of the coordinating institution (both academic and professional staff),
- more integrated policy approach and enhanced synergies with regional policy, transnational missions and gender issue,
- research, consumables and small equipment costs become eligible **up to 30%** of the total budget for R&I pilot projects.

**Scale of operation:** Set of activities include some of the following: short-term staff exchanges; expert visits and short term on-site or virtual training; workshops; conference attendance; organisation of joint summer school type activities; dissemination and outreach activities.
Twinning aims to enhance networking activities between the research institutions of the Widening countries and top-class leading counterparts at EU level

- Improved excellence capacity and resources in Widening countries enabling to close the still apparent research and innovation gap within Europe.
- Enhanced strategic networking activities between the research institutions of the Widening countries and at least two internationally-leading counterparts at EU level.
- Raised reputation, research profile and attractiveness of the coordinating institution from the Widening country and the research profile of its staff.
- Strengthened research management capacities and administrative skills of the staff working in institutions from the Widening country.
- Improved creativity supported by development of new approaches in R&I collaboration, increased mobility (inwards and outwards) of qualified scientists.

Call Opening: 25 Apr 2023
Call Closure: 28 Sep 2023
ERA Policy Agenda action no: 16
Type of Action: CSA
Twinning Green Deal adds in directionality to the general twinning action. All the conditions remain the same except for the choice of the research topic. The latter will have to be in line with the European Green Deal strategy actions.

- Improved excellence capacity and resources in Widening countries enabling to close the still apparent research and innovation gap within Europe;
- Enhanced strategic networking activities between the research institutions of the Widening countries and at least two internationally-leading counterparts at EU level;
- Raised reputation, research profile and attractiveness of the coordinating institution from the Widening country and the research profile of its staff;
- Strengthened research management capacities and administrative skills of the staff working in institutions from the Widening country;
- Improved creativity supported by development of new approaches in R&I collaboration, increased mobility (inwards and outwards) of qualified scientists.

Call Opening: 25 Apr 2023
Call Closure: 28 Sep 2023
ERA Policy Agenda action no: 16
Type of Action: CSA
**Evaluation criteria**

**Excellence**
- Clarity and pertinence of the project’s objectives
- Quality of the proposed coordination and/or support measures including soundness of methodology.

**Impact**
- Credibility of the pathways to achieve the expected outcomes and impacts specified in the work programme, and the likely scale and significance of the contributions due to the project
- Suitability and quality of the measures to maximise expected outcomes and impacts, as set out in the dissemination and exploitation plan, including communication activities.

**Quality and efficiency of the implementation**
- Quality and effectiveness of the work plan, assessment of risks, and appropriateness of the effort assigned to work packages, and the resources overall
- Capacity and role of each participant, and the extent to which the consortium as a whole brings together the necessary expertise.
Case Study from Poland

Jan Osiński
International Cooperation Department
NCBR
Sano – Methods in computational Diagnostics and Personalized Therapy
Teaming for Excellence

Jan Osiński, senior operation specialist,
NCBR
jan.osinski@ncbr.gov.pl

18 April, 2023
Teaming for Excellence

Creation of new centers of excellence or upgrading the existing ones in widening countries, with the support of the Partners of Excellence

- Increased scientific capabilities of the coordinating institution and the host country
- Improved the R&I culture of the country hosting the coordinator
- Stimulus for institutional and systemic reforms and R&I investments at national level
- Strengthened and mutually benefitting collaboration with partners from leading scientific institutions from abroad
- Development and promotion of new research strands in relevant domains
Teaming Partners:

Sano is a new non-profit research institute dedicated to the advancement of computational medicine, developing sophisticated computer methods for the prevention, diagnosis and treatment of disease, to meet the overarching worldwide need for efficient, effective and streamlined healthcare.
Sano Centre's core activities

**R&D**
Developing new methods computing, algorithms, models and technologies for personalized medicine

**Commercialization**
Introducing novel diagnostic methods and therapies based on computer simulations into clinical practice

**Education**
Contribution to innovative training programs & education that meet the needs of modern personalized medicine

**Industrial collaboration**
Supporting enterprise development along with creation of new diagnostic and therapeutic technologies (DSS)
Partnership

Sano
An independent research foundation

- Modelling research
- HPC skill
- Hardware

- Healthcare Innovation
- Benchmarks/monitoring

- In silico expertise
- Clinical Data

- Comp Medicine skills
- HPC Lab and hardware
- Human resources
- Computer science research

- Technology
- Clinical Data

- Human resources
- Data and Trials

- Medical Labs

- LifeSci/Med research

- Technology
- Clinical Data

- Human resources
- Industry

- Data
- Fund/Exp’t

+ major hospitals in PL/UK/DE

DICE/LMIM (2002)

Science
Advice
Infrastr’
Talents

Malopolski System Informacji Medycznej
Klaster LifeScience Kraków

Horizon 2020
FNP

JÜLICH Forschungszentrum

Fraunhofer ISI

The University Of Sheffield.

Insigneo

Science

Advice

Infrastr’

Talents

Fund/Exp’t

Data

Venture Capital and Alpha Funds
Research Teams

- Computer Vision Data Science
- Personal Health Data Science
- Clinical Data Science
- Health Informatics and VR
- Extreme-scale Data Science and Computing
- Scientific Programming Team
Funding

• H2020-WIDESPREAD-2016-2017 TEAMING PHASE 2 programme (grant 857533) (15 M €)

• International Research Agendas Programme (IRAP) of the Foundation for Polish Science, co-funded by the EU in the scope of the European Regional Development Fund (10 M €) Strategic Partner: University of Sheffield
  Applicants: Marco Viceconti, University of Bologna (ISC Chair), Marian Bubak, AGH University of Science and Technology (Scientific Affairs Director)
  Director of Sano and IRAP Part 2 Manager: Arkadiusz Sitek

• Polish Ministry of Science and Higher Education (after 2023, 5 M €)
• **Management Board** conducts the daily operations of the Foundation

<table>
<thead>
<tr>
<th>Name</th>
<th>Role</th>
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<tbody>
<tr>
<td>Prof. Maciej Malawski</td>
<td>Director, President of the Management Board</td>
</tr>
<tr>
<td>Dr Marian Bubak</td>
<td>Director for Scientific Affairs, Member of the Management Board</td>
</tr>
<tr>
<td>Tomasz Gubała</td>
<td>Executive Director</td>
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• **Foundation Council** supervises Sano and appoints Management Board members

<table>
<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
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<tbody>
<tr>
<td>Karol Krawentek</td>
<td>ACC Cyfronet AGH, PL</td>
</tr>
<tr>
<td>Dr Tanja Bratan</td>
<td>Fraunhofer Institute ISI, DE</td>
</tr>
<tr>
<td>Dr Andrew Narracott</td>
<td>University of Sheffield, UK</td>
</tr>
<tr>
<td>Dr Olav Zimmermann</td>
<td>Forschungszentrum Jülich, DE</td>
</tr>
<tr>
<td>Kazimierz Murzyn</td>
<td>Klaster LifeScience Kraków, PL</td>
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• **International Scientific Committee** selects research team leaders, evaluates their achievements, and advises the Management Board in scientific matters

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Prof. Marco Viceconti, President</td>
<td>Università di Bologna, IT</td>
</tr>
<tr>
<td>Prof. Rod Hose</td>
<td>Emeritus Professor in the Department of Infection, Immunity and Cardiovascular Disease, University of Sheffield, UK</td>
</tr>
<tr>
<td>Prof. Richard Clayton</td>
<td>University of Sheffield, UK</td>
</tr>
<tr>
<td>Prof. Marek Behr</td>
<td>Aachen University, DE</td>
</tr>
<tr>
<td>Prof. Holger Gohike</td>
<td>Heinrich Heine University Düsseldorf, DE</td>
</tr>
<tr>
<td>Prof. Dieter Kranzlmüller</td>
<td>Ludwig-Maximilian University Munich, DE</td>
</tr>
<tr>
<td>Prof. Zbigniew Nawrat</td>
<td>Silesian Center for Heart Diseases in Zabrze, PL</td>
</tr>
<tr>
<td>Prof. Irena Roterman-Konieczna</td>
<td>Jagiellonian University Medical College, PL</td>
</tr>
<tr>
<td>Prof. Jerzy Gąsowski</td>
<td>Jagiellonian University Medical College, PL</td>
</tr>
<tr>
<td>Prof. Knut Koschatzky</td>
<td>Fraunhofer Institute ISI, DE</td>
</tr>
<tr>
<td>Dr Claire Chalopin</td>
<td>University of Leipzig, DE</td>
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<tr>
<td>Dr Stefan Zachow</td>
<td>Zuse Institute Berlin, DE</td>
</tr>
<tr>
<td>Prof. Ewa Deelman</td>
<td>University of Southern California, USA</td>
</tr>
<tr>
<td>Prof. Peter Sloot</td>
<td>University of Amsterdam, NL</td>
</tr>
<tr>
<td>Prof. Jacek Kitowski</td>
<td>AGH University of Science and Technology, PL</td>
</tr>
</tbody>
</table>
Role of the University of Sheffield

- Selects research team leaders, evaluates their achievements,
- Advises the Management Board in scientific matters,
- Supervises Sano,
- Appoints the Management Board,
- Project Boards (one per month),
- Research activity,
- PhD Programme.
Sano-Sheffield PhD training

Development of the programme

- Scope developed by Sano and the University of Sheffield
- Online on demand + intensive synchronous training
- Remote delivery in September 2021, in-person delivery in Sheffield in September 2022
- Broad expertise: 13 academic staff + research software engineers
- Sano PhDs from various domains:
  - Healthcare Informatics,
  - Computer Vision,
  - Personal and Clinical Data Science,
  - Modelling & Simulation,
  - Extreme Scale Computing
- Interaction with Insigneo staff, Sheffield Teaching Hospitals & students
- HPC training: Cooperation with Cyfronet (PL)
- Cohort building: present project work & share experiences
Further information

• WWW: https://sano.science/

• Open Sano Seminars:
  - Invited and Sano scientists
  - Past seminars are on our YouTube channel:
    - https://www.youtube.com/channel/UCDZ_8TcjMWUG2ZcgKKgf pwQ

• Social media:
  - https://pl.linkedin.com/company/sanoscience
  - https://twitter.com/sanoscience
  - https://www.facebook.com/sano.science
Case Study from Estonia

Kristin Kraav
Estonian Research Council
Twinning case study: EE-UK

Kristin Kraav, NCP for Widening
kristin.kraav@etag.ee
www.etag.ee
Twinning case study: EE-UK

18 EE proposals

7 UK partners

Bioarchaeology

Public administration

9 funded projects

5 UK partners

Geology

Cosmology

Linguistics

Bioarchaeology

Public administration

Linguistics
EXOHOST: Building Excellence in Spectral Characterisation of Exoplanet Hosts and Other Stars

Twinning between the University of Tartu (coordinator, EE), Uppsala University (SE), Austrian Academy of Sciences (AT), and University College London (UK)


CORDIS: https://cordis.europa.eu/project/id/101079231

The count of confirmed exoplanets in our galaxy has surpassed 5,000. Astronomers use indirect techniques to determine the composition of rocky exoplanets, which can reveal much about the physical conditions on these worlds. However, less attention has been devoted to characterising the stars that host these planets – this is the focus of the EXOHOST project.
PaleoMIX: Nurturing Heritage Science with Novel Bioarchaeological Methods

- Twinning between the University of Tartu (coordinator, EE), Copenhagen University (DK), Burgos University (ES), and University of York (UK)
- Project website: https://www.etis.ee/Portal/Projects/Display/7961358d-b99c-4a24-9eb9-a31800241f83
- CORDIS: https://cordis.europa.eu/project/id/101079396
- The PaleoMIX project will integrate cutting-edge techniques into bioarchaeology and computational sciences for more sustainable study of tangible heritage. Outcomes will be demonstrated with an in-depth study of the transition to agriculture from hunting and gathering.
More EE-UK Twinning projects

• Horizon Europe:
  • MEDAL  
    https://cordis.europa.eu/project/id/101079429
  • PADST  
    https://cordis.europa.eu/project/id/101079227
  • EGT-Twinn  
    https://cordis.europa.eu/project/id/101079459

• Horizon 2020:
  • MIRNET
  • YouthLife
  • TalTech Industrial
  • CETM
  • SEARMET
  • UPTAKE
  • WIDENLIFE
Q&A
Option of watching UKRI video on experiences from Horizon 2020 and Horizon Europe UK grantees

https://www.youtube.com/watch?v=gdxHQ_7VRFg&list=PLkjB0VcEl5P_zFLV2oKywwXzz4Vz2I8Zu
Support from UK Science and Innovation Network

James McLaughlin
SIN Network
# Running order for pitches

<table>
<thead>
<tr>
<th>Organisation</th>
<th>Presenter</th>
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<tr>
<td>Institute for Sustainable Technologies</td>
<td>Marta Żurek-Mortka</td>
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<tr>
<td>The Medical University of Lodz</td>
<td>Mateusz Dworak</td>
</tr>
<tr>
<td>Polish Academy of Science - Brussels Delegation</td>
<td>Tomasz Poprawka</td>
</tr>
<tr>
<td>Lab4Us</td>
<td>Marcin Lewandowski</td>
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</table>
Proposed Approach & Experience

DEVELOPMENT AND IMPLEMENTATION OF HYDROGEN TECHNOLOGIES IN ERA OF ENERGY TRANSFORMATION

Experience: ongoing project (2022-2025) - System for water closing in the hydrogen installation

Organisational Capabilities

SKILLS & CAPABILITIES, e.i., design and simulation research of complex systems, e.g. hydrogen production from renewable energy sources, hydrogen storage and distribution, and energy conversion, 7-person team, experience in mechanical and electrical engineering, advanced control systems

FACILITIES, e.i., programming engineering and microprocessor technology tools, surface mount laboratory, set of devices for measuring high-power waveforms, Matlab/Simulink, SCADA and HMI software tools, EMC laboratory (Accreditation No. AB 1476).

Partners

Research organizations (institutes, universities) carried out research on hydrogen technologies

SME, big companies (manufacturers) from hydrogen area

Administrative Information

Marta Żurek-Mortka, Ph.D.
Senior Specialist, Department of Control Systems
Email: marta.zurek-mortka@itee.lukasiewicz.gov.pl,
phone: +48 511 624 547, +48 48 364 92 91,

Łukasiewicz Research Network – Institute for Sustainable Technologies, Radom, Poland
PIC 949074191

ROLE: Coordinator/Partner
Proposed Approach & Experience
Our proposal is to create the Compass Transformer programme, a European business acceleration programme focused on deep tech healthcare innovation and supported by the scientific potential of HEIs (Higher Education Institutions).

We will customize the mechanics used by the successful MediHUB Acceleration Programme, incorporating the best practices of all partners and engaging our alumni to mentor the startups. The program will aim to create a lively and cooperative networking ecosystem to increase the number and impact of startups.

Our team has extensive experience in entrepreneurship, innovation, and acceleration programmes. The Medical University of Lodz has successfully implemented the MediHUB programme, and our partners have also developed their own successful initiatives. We are confident that we can bring our experience and expertise together to create an effective and sustainable programme that will benefit the entire ecosystem of innovation.

Organizational Capabilities
As the coordinator of the project, the Medical University of Lodz has extensive experience in implementing successful acceleration programmes. We have a team of experienced professionals who will provide support in project management, administration, and mentoring. We also have a strong network of alumni who are willing to mentor the startups.

Partners
We are looking for partners who share our vision and are willing to contribute their expertise and resources to the project.

We are particularly interested in partners who have experience in deep tech innovation, business acceleration, and mentoring startups.

We are also looking for partners who have connections with investors, large companies, and government entities.

Administrative Information
The Medical University of Lodz is an academic organization that has experience in implementing successful acceleration programmes. We are planning to be the coordinator of the Compass Transformer programme.

mateusz.dworak@umed.lodz.pl
+48 887 720 048
Łódź, Poland
Proposed Approach & Experience

Fully bottom-up approach with the culture of the academic freedom

Key areas for cooperation
- Social Sciences & Humanities
- Physical & Earth Sciences
- Engineering Sciences
- Biological & Agricultural Sciences
- Medical Sciences

Already strong R&I ties with UK >>>>

Organisational Capabilities

**Polish Academy of Sciences (Polska Akademia Nauk – PAN)**
- the strongest beneficiary of H2020 in Poland @ above 100 mln EUR
- 68 research institutes grouped across 5 domains
- + International Institute of Molecular & Cell Biology (IIMCB)
- + 5 Dioscuri CoE in partnership with Max Planck Gesellschaft
- 9500 employees, incl. +/- 4300 research staff
- 23 PhD Schools organised within PAN structures
- 2 polar stations, botanical garden, archives and libraries
- PolISCA is Brussels-based liaison office for the umbrella of the Academy

Administrative Information

**Polish Science Contact Agency – PolISCA of the Polish Academy of Sciences in Brussels**

We aim to facilitate networking, build new relationships and support existing collaborations between researchers & host organisations across network of PAN in Poland and various international partners.

**Dr. Tomasz Poprawka***
tomasz.poprawka@polsca.pan.pl

Partners

**Key features of UK/PL-PAN cooperation**
- UK is the 5th strongest partner for PL
- UK/PL: +1000 GAs & +1500 participations
- UK/PAN: + 180 GAs > 18% in PL & 60% in PAN
- 55% of Net EU contribution at PAN linked to Cooperation with UK

Top collaborations:
- University of Cambridge
- University of Birmingham
- University of Liverpool
- University of Oxford
- University of Edinburgh
Proposed Approach & Experience
We are seeing rapid development in the field of ultrasound, both for medicine and industry. Yet, there exists no leading centre in Poland which combines work on ultrasound R&D, implementation, and education.

LAB4US goals:
- to popularise ultrasound R&D and applications;
- to educate young and aspiring researchers and engineers;
- to boost international cooperation between facilities and industry;
- to create an innovation-friendly environment.

Our experience:
- Running courses, lessons and workshops in collaboration with universities, research institutes, and international conferences (e.g. at the IEEE International Ultrasonic Symposium).
- Student internships and hosting PhD students.
- Strong collaboration with business and academic partners from around the world.

Organisational Capabilities
At us4us, we specialise in:
- Development of programmable ultrasound research platforms and OEM ultrasound solutions.
- R&D in the field of new ultrasound methods and systems.
- Working with academia, research facilities, start-ups, and commercial partners.

We can offer:
- electronic and ultrasound lab facilities + use of our pioneer ultrasound research devices;
- mentoring and technical support for students and PhD students;
- name recognition in the ultrasound community;
- close relationship and option of collaboration with the Institute of Fundamental Technological Research Polish Academy of Sciences (our local academic partner).

Partners
We are interested in collaborating with:
- Universities.
- Research institutes, NGOs, and business partners with a strong education focus.

Administrative Information
Marcin Lewandowski,
CEO at us4us Ltd. (a Poland-based SME)
email: marcin@us4us.eu
tel. +48 501 508 731
EU PIC: 904959464
Preferred role: Partner
Breakout Rooms

- Pitch presenters (Name of Organisation)

- Thematic Rooms hosted by the NCPs
  - UK situation - (Jon)
  - Teaming, Pathways to Synergies, ERA Chairs - (Karina)
  - Twinning, ERA Talent - (Aurelija)

- Science & Innovation Network (SIN)
  - Poland & Estonia (Migle & Gozia)

- Networking breakout rooms
  2 extra Networking rooms

- "Plenary Room"
How does it work?

• About 45 minutes for Breakout room discussions.

• You select which breakout room you’d like to join (apart from the pitch presenters that are assigned to a room)

• You can move around and go to more than one breakout room.

• Opportunity for networking and engaging in new collaborations.

• If you drop out, you can join the webinar again in the main room and we can help you join breakout rooms of interest to you.

PLEASE NOTE: BREAKOUT ROOMS ARE NOT BEING RECORDED.
How to **JOIN** a breakout room
How to LEAVE a breakout room
Horizon Europe

Horizon Europe is an opportunity for all types of UK organisations (including businesses and academia) to get funding for research and innovation. For UK businesses this is an opportunity to collaborate with partners with the right expertise to expand markets and accelerate innovation across Europe and internationally.

UK Horizon Europe Hub  https://ktn-uk.org/programme/european/