

INFORMACJE DOTYCZĄCE PROGRAMÓW BADAWCZYCH/RAMOWYCH



Wiosna z Horyzontem 2020 wirtualnie



Krajowy Punkt Kontaktowy Programów Badawczych Unii Europejskiej postanowił przeprowadzić kampanię informacyjną dotyczącą programu Horyzont 2020 – *Wiosna z Horyzontem* - w formie wirtualnej, publikując filmy z prelekcjami ekspertów.

Eksperti KPK przedstawiają informacje dotyczące m.in. wynagrodzeń w programie H2020, zakresu i zasad konkursów Akcje Maria Skłodowska-Curie, Europejskiej Rady ds. Badań Naukowych (ERC), Energia, Inicjatywa Leków Innowacyjnych (IMI2), Europejskiej Rady ds. Innowacji, dodatkowego konkursu European Green Deal i założeń nowego programu ramowego Horyzont Europa.

Więcej informacji:

<https://www.kpk.gov.pl/?p=52167&znewsletter=1kwietnia2020>

**Strona internetowa Komisji Europejskiej
o badaniach nad koronawirusem**

Komisja Europejska utworzyła stronę internetową *Coronavirus research and innovation* z informacjami o projektach badawczych i innowacyjnych prowadzonych nad koronawirusem oraz inicjatywach, mających na celu jego zwalczanie, finansowanych przez KE.

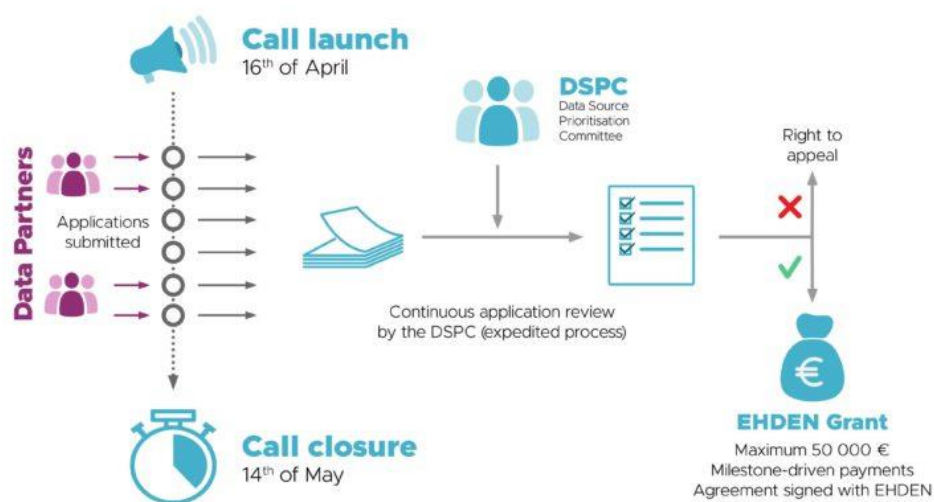
https://ec.europa.eu/info/research-and-innovation/research-area/health-research-and-innovation/coronavirus-research_en

Mapowanie pacjentów z koronawirusem



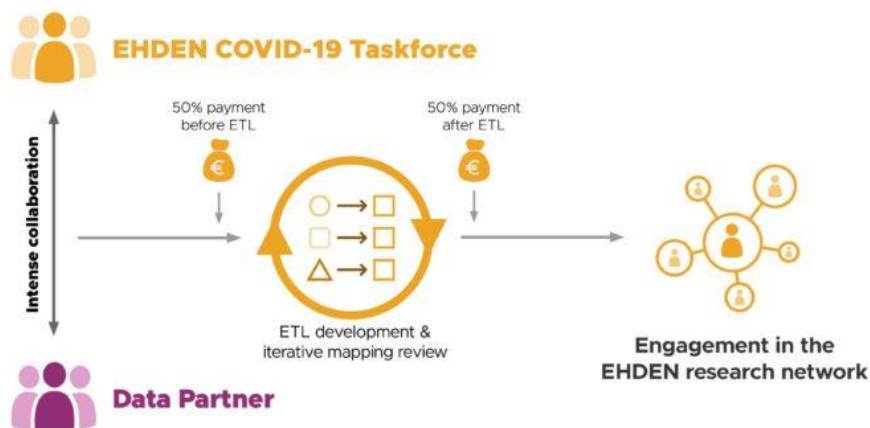
Sieć EHDEN (European Health Data & Evidence Network, <https://www.ehden.eu>) ogłosiła konkurs dotyczący współpracy i udostępniania zasobów danych pacjentów z COVID19, przeznaczając na ten cel 1 mln euro. Wybrani wnioskodawcy (szpitale, kliniki, inne instytucje będące w posiadaniu danych na temat COVID-19) otrzymają do 50 000 euro każdy, na pokrycie swoich wewnętrznych wydatków.

Wnioski, które są oceniane w sposób ciągły, można składać do 14 maja 2020r.



Call

Mapping



Źródło: <https://www.ehden.eu>

Więcej informacji:

<https://www.ehden.eu/launch-of-the-covid-19-rapid-collaboration-cal>

<http://www.kpk.gov.pl/milion-euro-w-szybkim-konkursie-na-mapowanie-pacjentow-z-covid-19>

Wyniki konkursu SC1-PHE-CORONAVIRUS-2020

Komisja Europejska ogłosiła wyniki konkursu SC1-PHE-CORONAVIRUS-2020 (Advancing knowledge for the clinical and public health response to the COVID-19 epidemic). Wybrano 18 projektów (140 zespołów naukowych), dotyczących epidemiologii i zdrowia publicznego, szybkich testów diagnostycznych, nowych metod leczenia i nowych szczepionek. Budżet konkursu został zwiększony prawie pięciokrotnie do 48,5 mln euro.

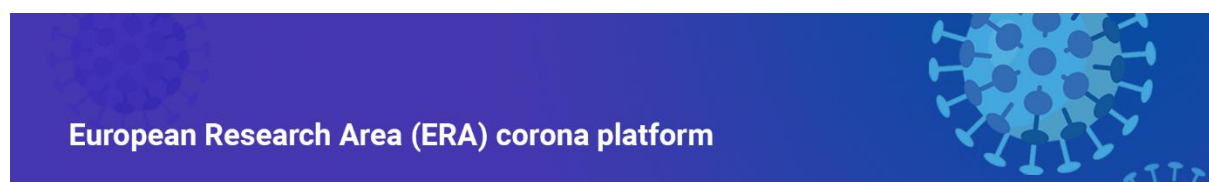
Wśród wybranych do finansowania są projekty, w których uczestniczą polskie zespoły badawcze: Centrum Badań Kosmicznych PAN (Warszawa), Squadron Sp. z o.o. (Gdańsk) i Polskie Centrum Pomocy Międzynarodowej (Warszawa) w projekcie HERoS (*Health Emergency Response in Interconnected Systems*) – koordynowanym przez Svenska handelshögskolan (Helsinki, Finlandia) oraz Międzynarodowy Instytut Biologii Molekularnej i Komórkowej – Warszawski Uniwersytet Medyczny w projekcie EXSCALATE4CoV (*EXaScale smArt pLatform Against paThogEns for CoronaVirus*) koordynowanym przez Dompé farmaceutici (Mediolan, Włochy).

Więcej informacji:

https://ec.europa.eu/info/sites/info/files/research_and_innovation/research_by_area/documents/ec_rtd_cv-projects.pdf

<https://www.kpk.gov.pl/?p=52212&znewsletter=1kwietnia2020>

Platforma *European Research Area (ERA) Corona*



Komisja Europejska w związku z pandemią koronawirusa stworzyła na portalu Funding&Tenders specjalną podstronę dotyczącą badań i innowacji

European Research Area (ERA) Corona platform

Są tam informacje o konkursach programu H2020 i wydłużonych terminach składania wniosków, pytania i odpowiedzi na temat konkursów i realizacji projektów, informacje i artykuły o projektach badawczych i inicjatywach, mających na celu zwalczanie rozprzestrzeniania się koronawirusa, linki do organizacji walczących z COVID-19 (m.in. Światowej Organizacji Zdrowia, Koalicji na rzecz innowacji w zakresie gotowości na epidemię CEPI - Coalition for Epidemic Preparedness Innovations, globalnego sojuszu finansującego i koordynującego opracowywanie szczepionek przeciwko pojawiającym się chorobom zakaźnym, Globalnej współpracy badawczej w zakresie gotowości na choroby zakaźne GloPID-R - Global Research Collaboration for Infectious Disease Preparedness).

Więcej informacji:

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/covid-19>

Nowe terminy składania wniosków w konkursach H2020

Z powodu kryzysu wywołanego przez Covid-19 terminy niektórych konkursów zostały przedłużone, aby dać wnioskodawcom więcej czasu na przygotowanie wniosków. Poniżej konkursy, których terminy składania wniosków przypadają w kwietniu i maju.

23.04.2020

Open schooling and collaboration on science education

SwafS-01-2018-2019-2020

Research innovation needs & skills training in PhD programmes

SwafS-08-2019-2020

Supporting research organisations to implement gender equality plans

SwafS-09-2018-2019-2020

Supporting the development of territorial Responsible Research and Innovation

SwafS-14-2018-2019-2020

Taking stock and re-examining the role of science communication

SwafS-19-2018-2019-2020

Grounding RRI in society with a focus on citizen science

SwafS-23-2020

Science education outside the classroom

SwafS-24-2020

Gender-based violence including sexual harassment in research organisations and universities

SwafS-25-2020

Innovators of the future: bridging the gender gap

SwafS-26-2020

Hands-on citizen science and frugal innovation

SwafS-27-2020

The ethics of organoids

SwafS-28-2020

The ethics of technologies with high socio-economic impact

SwafS-29-2020

Responsible Open Science: an ethics and integrity perspective

SwafS-30-2020

Bottom-up approach to build SwafS knowledge base

SwafS-31-2020

29.04.2020

Development of hydrogen tanks for electric vehicle architectures

FCH-01-1-2020

Durability-Lifetime of stacks for Heavy Duty trucks

FCH-01-2-2020

Liquid Hydrogen on-board storage tanks

FCH-01-3-2020

Standard Sized FC module for Heavy Duty applications

FCH-01-4-2020

Demonstration of FC Coaches for regional passenger transport

FCH-01-5-2020

Demonstration of liquid hydrogen as a fuel for segments of the waterborne sector

FCH-01-6-2020

Extending the use cases for FC trains through innovative designs and streamlined administrative framework

FCH-01-7-2020

Scale-up and demonstration of innovative hydrogen compressor technology for full-scale hydrogen refuelling station

FCH-01-8-2020

Catalyst development for improved economic viability of LOHC technology

FCH-02-1-2020

Highly efficient hydrogen production using solid oxide electrolysis integrated with renewable heat and power

FCH-02-2-2020

Diagnostics and Control of SOE

FCH-02-3-2020

Flexi-fuel stationary SOFC

FCH-02-4-2020

Underground storage of renewable hydrogen in depleted gas fields and other geological stores

FCH-02-5-2020

Electrolyser module for offshore production of renewable hydrogen

FCH-02-6-2020

Cyclic testing of renewable hydrogen storage in a small salt cavern

FCH-02-7-2020

Demonstration of large-scale co-electrolysis for the Industrial Power-to-X market

FCH-02-8-2020

Fuel cell for prime power in data-centres

FCH-02-9-2020

HT proton conducting ceramic materials for highly efficient and flexible operation

FCH-03-1-2020

Decarbonising islands using renewable energies and hydrogen - H2 Islands

FCH-03-2-2020

Overcoming technical and administrative barriers to deployment of multi-fuel hydrogen refuelling stations (HRS)

FCH-04-1-2020

PNR on hydrogen-based fuels solutions for passenger ships

FCH-04-2-2020

Development of eco-design guidelines for FCH products

FCH-04-3-2020

Development and validation of existing and novel recycling technologies for key FCH products

FCH-04-4-2020

Guidelines for Life Cycle Sustainability Assessment (LCSA) of fuel cell and hydrogen systems

FCH-04-5-2020

7.05.2020

Call for proposals for ERC Proof of Concept Grant

ERC-2020-POC

12.05.2020

Evaluation of NDT Techniques for Assessment of Critical Process and Manufacturing Related Flaws and Defects for a Ti-alloy

JTI-CS2-2020-CFP11-AIR-01-46

Additive Manufacturing demonstration on test article for a trailing edge application with a sliding pad concept

JTI-CS2-2020-CFP11-AIR-01-47

Innovative light metallic and thermoplastic airframe section full scale testing

JTI-CS2-2020-CFP11-AIR-03-10

Development and execution of new test methods for thermoset panel manufactured in an automated tape layup of dry unidirectional fibres (UD) or non-crimped fabrics (NCF) and subsequent infusion

JTI-CS2-2020-CFP11-AIR-03-11

Concept for Pilot State Monitoring system operation in commercial aviation

JTI-CS2-2020-CFP11-LPA-03-19

Aerodynamics experimental characterization and new experimental testing methodologies for distributed electrical propulsion

JTI-CS2-2020-CFP11-REG-01-20

Thermoplastic wheel for electrical Environmental Control System

JTI-CS2-2020-CFP11-SYS-02-62

Decentralised HVDC power conversion module for innovative optimised aircraft electrical network distribution

JTI-CS2-2020-CFP11-SYS-02-63

Human Safe HVDC Interconnection components

JTI-CS2-2020-CFP11-SYS-02-64

Investigation and modelling of hydrogen effusion in electrochemically plated ultra-high-strength-steels used for landing gear structures

JTI-CS2-2020-CFP11-SYS-03-25

Replacement of cobalt in Environmental Control System bleed valves

JTI-CS2-2020-CFP11-SYS-03-26

High power density / multifunctional electrical energy storage solutions for aeronautic applications

JTI-CS2-2020-CFP11-THT-11

Advanced High Power Electrical Systems for High Altitude Operation

JTI-CS2-2020-CFP11-THT-12

Sustainability of Hybrid-Electric Aircraft System Architectures

JTI-CS2-2020-CFP11-THT-13

Scalability and limitations of Hybrid Electric concepts up to large commercial aircraft

JTI-CS2-2020-CFP11-THT-14

Development of New digital Microphone-MEMS-Sensors for wind tunnels with open/closed test sections and flight tests

JTI-CS2-2020-CfP11-LPA-01-88

Advanced characterization of friction and surface damage for gears running in loss of lubrication conditions

JTI-CS2-2020-CfP11-LPA-01-89

Automated thermography for inspection of welded safety critical engine components

JTI-CS2-2020-CfP11-LPA-01-90

Development and validation of a method to predict non-linear aerodynamic characteristics of lifting surfaces with controls
 JTI-CS2-2020-CfP11-LPA-01-91
 Optimization of APU Exhaust Muffler Thermal Barrier and Air Intakes construction Technologies
 JTI-CS2-2020-CfP11-LPA-01-92
 Engine bleed jet pumps continuous behaviour modelization
 JTI-CS2-2020-CfP11-LPA-01-93
 Installed UHBR Nacelle Off-Design Performance Characteristics
 JTI-CS2-2020-CfP11-LPA-01-94
 Passive Actuated Inlet for UHBR engine ventilation
 JTI-CS2-2020-CfP11-LPA-01-95
 Analytical and experimental characterization of aerodynamic and aeroacoustic effects of closely operating propellers for distributed propulsion wing solutions
 JTI-CS2-2020-CfP11-LPA-01-96
 Insulation Monitoring for IT Grounded (Isolation Terra) Aerospace Electrical Systems
 JTI-CS2-2020-CfP11-LPA-01-97
 Tooling, Equipment and Auxiliaries for the closure of a longitudinal Barrel Joint: Butt strap integration and Lightning Strike Protection continuity
 JTI-CS2-2020-CfP11-LPA-02-33
 Tooling, Equipment and Auxiliaries for the closure of a longitudinal Barrel Joint: Overlap joint and Frame Coupling integration
 JTI-CS2-2020-CfP11-LPA-02-34
 Innovative disbond arrest features for long thermoplastic welded joints
 JTI-CS2-2020-CfP11-LPA-02-35
 Large scale aircraft composite structures recycling [ECO]
 JTI-CS2-2020-CfP11-LPA-02-36
 Thermoplastic fuselage repair process integrated on manufacturing line
 JTI-CS2-2020-CfP11-LPA-02-37
 Oxygen Absorbing Metal-Air-Batteries for Long Term Cargo Compartment Inertisation
 JTI-CS2-2020-CfP11-SYS-01-22
 Development of a multi-position valve with associated actuator for cargo fire protection
 JTI-CS2-2020-CfP11-SYS-01-23
 Airport level assessments for fixed wing aircraft
 JTI-CS2-2020-CfP11-TE2-01-12
 Airport and ATS Level Assessment for Rotorcraft
 JTI-CS2-2020-CfP11-TE2-01-13
 Reduction of the environmental impact of aviation via optimisation of aircraft size/range and flight network
 JTI-CS2-2020-CfP11-TE2-01-14
 Research and Innovation Staff Exchange
 MSCA-RISE-2020
 Early diagnosis, prediction of radiographic outcomes and development of rational, personalised treatment strategies to improve long-term outcomes in psoriatic arthritis
 IMI2-2020-20-01
 Innovations to accelerate vaccine development vaccine development and manufacture
 IMI2-2020-20-02

Academia and industry united innovation and treatment for tuberculosis (UNITE4TB)

IMI2-2020-20-03

Tumour plasticity

IMI2-2020-20-04

Proton versus photon therapy for oesophageal cancer - a trimodality strategy

IMI2-2020-20-05

Handling of protein drug products and stability concerns

IMI2-2020-20-06

14.05.2020

Strengthening the human capital of research infrastructures

INFRASUPP-02-2020

Integrating Activities for Starting Communities

INFRAIA-02-2020

Pilot for a new model of Integrating Activities

INFRAIA-03-2020

Co-Innovation platform for research infrastructure technologies

INFRAINNOV-03-2020

Innovation pilots

INFRAINNOV-04-2020

27.05.2020

Demonstrators for the next generation of traction systems, smart maintenance, virtual validation and eco-friendly HVAC, and Technical research on battery and hydrogen powered regional trains (BEMU/ HMU) (IP1/IP3)

S2R-CFM-IP1-01-2020

Validation of new technologies for the TCMS

S2R-CFM-IP1-02-2020

Completion of activities for Adaptable Communication, Moving Block, Fail safe Train Localisation (including satellite), Zero on site Testing, Formal Methods and Cyber Security

S2R-CFM-IP2-01-2020

Research into optimised and future railway infrastructure

S2R-CFM-IP3-01-2020

Enhancing IP4 Ecosystem

S2R-CFM-IP4-01-2020

Formulation of the freight train of the future

S2R-CFM-IP5-01-2020

Advanced Functions towards Autonomous Trains

S2R-CFM-IPX-01-2020

Evolution of Railways System Architecture and Conceptual Data Model (CDM)

S2R-CFM-IPX-CCA-02-2020

Noise and Vibration (WA5)

S2R-OC-CCA-01-2020

Support to Development of next generation of Traction systems (TD1.1)

S2R-OC-IP1-01-2020

Network and end-device equipment for the validation of the next generation of TCMS (TD1.2)

S2R-OC-IP1-02-2020

Innovative technologies for Carbodies and Running Gear of the future (TD1.3 + TD 1.4)

S2R-OC-IP1-03-2020

Modelling of the Moving Block system specification and future architecture (TD2.3) + RAIM algorithms, Assessment Report and support for Railway Minimum Operational Performance Standards (TD2.4)

S2R-OC-IP2-01-2020

Study on alternative bearers and on communication protocols

S2R-OC-IP2-02-2020

Next Generation Track Transition Zones (TD3.4)

S2R-OC-IP3-01-2020

Technology Development for Railway Systems Asset Management (TD3.6)

S2R-OC-IP3-02-2020

Advanced tools and equipment: collaborative robots & wearable mobile machines (TD3.8)

S2R-OC-IP3-03-2020

Supporting the implementation of the IP4 multi-modal transport ecosystem (iTd4.7)

S2R-OC-IP4-01-2020

Innovation in guided transport

S2R-OC-IPX-01-2020

Więcej informacji:

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/covid-19>

Źródła:

<http://ec.europa.eu>

<http://www.kpk.gov.pl>

<https://www.ehden.eu>