Projekt „Internacjonalizacja działalności Radomskiego Klastra Metalowego".

Zadanie dofinansowane ze środków z budżetu Województwa Mazowieckiego.

Proposed co-operation areas between businesses and research organisations based in Trento and in the Radom region	Proponowane obszary współpracy pomiędzy przedsiębiorstwami zlokalizowanymi w regionie Trentino oraz w regionie radomskim
THEMATIC AREA Industry 4.0	OBSZAR TEMATYCZNY Przemysł 4.0
• **Real-time monitoring and production control** Cooperation may include, in particular, the design and implementation of advanced methods of optical inspection to monitor technological processes and multi-parameter quality control of manufactured products, as well as the design of integrated process management information systems equipped with knowledge bases.	• **Monitorowanie i sterowanie produkcją w czasie rzeczywistym** Współpraca obejmować może w szczególności projektowanie i wdrażanie zaawansowanych metod inspekcji optycznej do monitorowania procesów technologicznych i wielo-parametrycznej kontroli jakości wytwarzanych produktów oraz projektowanie zintegrowanych systemów informatycznych zarządzania procesem wyposażonych w bazy wiedzy.
• **Hybrid 2D / 3D optical inspection methods** The area of cooperation may be the design of hybrid optical inspection methods, involving the use of several 2D and 3D imaging techniques simultaneously in different ranges of the optical spectrum.	• **Hybrydowe metody inspekcji optycznej 2D/3D** Wydzielonym obszarem współpracy może być projektowanie hybrydowych metod inspekcji optycznej, polegających na zastosowaniu jednocześnie kilku technik obrazowania 2D i 3D w różnych zakresach widma optycznego.
• **Digital simulation of processes** The proposed scope of cooperation concerns the use of computer simulation of processes, including the so-called "digital twins" to predict potential events in the process, including, for example, predicting possible deviations in process parameters.	• **Symulacja cyfrowa procesów** Proponowany zakres współpracy dotyczy wykorzystania komputerowej symulacji procesów, w tym tzw. „bliźniaków cyfrowych" w celu prognozowania potencjalnych zdarzeń w procesie, w tym np. przewidywania możliwych odstępstw parametrów procesowych.

• **Advanced robotization** The scope of the proposed cooperation concerns the use of cooperating robots to perform tasks in automatic manufacturing processes, including the use of the autonomy function.	• **Zaawansowana robotyzacja** Zakres proponowanej współpracy dotyczy zastosowania robotów współpracujących do realizacji zadań w automatycznych procesach wytwarzania, w tym z wykorzystaniem funkcji autonomii.
• **Additive manufacturing/ 3D printing** Product or machine parts design and production using 3D printing technology	• **Wytwarzanie addytywne/ druk 3D** Projektowanie i wytwarzanie produktów finalnych i części maszyn przy zastosowaniu technik druku 3D
<mark>THEMATIC AREA Education, strategy and internationalization</mark>	<mark>OBSZAR TEMATYCZNY Edukacja, strategia i internacjonalizacja</mark>
Collaborative educational & training schemes, staff-exchange Possible topics for co-operation include facilitating exchange between students (dual-education programme) or I4.0 managers of SMEs (study visits, training schemes). It could also include developing a collaborative educational program and materials for such training and exchange schemes.	**Wspólne programy edukacyjne i szkoleniowe, wymiana pracowników** Możliwe tematy współpracy obejmują ułatwianie wymiany między studentami (program dualnego kształcenia) lub menedżerami MŚP w wersji I4.0 (wizyty studyjne, programy szkoleniowe). Może również obejmować opracowanie wspólnego programu edukacyjnego i materiałów na potrzeby takich szkoleń i programów wymiany.
Best practices exchange in the field of internationalization & science-business co-operation Potential topics for co-operation include know-how and best-practices exchange regarding strategies, business models, activities and tools that could accelerate companies' international presence (for example for: entering new or non-EU markets; joining international consortia applying for EU funding for innovation and research). Developing and testing all solutions would take place with the participation of Polish and Italian SMEs.	**Wymiana najlepszych praktyk w zakresie internacjonalizacji i współpracy nauki z biznesem** Potencjalne tematy współpracy obejmują know-how i wymianę najlepszych praktyk dotyczących strategii, modeli biznesowych, działań i narzędzi, które mogłyby przyspieszyć internacjonalizację działalności biznesowej (na przykład: wejście na nowe rynki, w tym rynki poza UE; przystąpienie do międzynarodowych konsorcjów ubiegających się o unijne fundusze na badania i innowacje). Wypracowywanie i testowanie wszystkich rozwiązań odbywałoby się z udziałem polskich i włoskich MŚP.
Foresight services for trend analysis, strategy development and decision-making support Potential topics for collaboration could refer to two levels: (1) foresight services for the sector, which is most active in the two regions (for example: metal, machine, mechatronics industry) and (2) foresight services for individual companies. (Ad. 1) Potential project ideas on the regional level could refer to the development of a regional development strategy targeting specific	**Usługi foresight do analizy trendów, opracowywania strategii i wsparcia w podejmowaniu decyzji** Potencjalne tematy współpracy mogą odnosić się do dwóch poziomów: (1) usługi foresight dla sektora, który jest najbardziej aktywny w dwóch regionach (tj. przemysł metalowy, maszynowy, mechatroniczny) oraz (2) usługi foresight dla poszczególnych firm. (Ad. 1) Potencjalne pomysły na projekty na poziomie regionalnym mogłyby odnosić się do opracowania regionalnej strategii rozwoju ukierunkowanej

sector, which would let regional businesses capitalize on their strengths and on the potential of promising, new technologies and social innovations. (Ad. 2) Potential project ideas on the level of individual companies could include: coaching managerial staff of SMEs in order to understand how their specific markets could change in the future, to identify which trends shape their business activities; in order to understand what events could change the trends and how it could impact the markets; in order to build futures scenarios and position company products or services in these future scenarios to be better prepared for changes.	na konkretny sektor, która pozwoliłaby regionalnym przedsiębiorstwom wykorzystać swoje mocne strony i potencjał obiecujących, nowych technologii i innowacji społecznych. (Ad. 2) Potencjalne pomysły na projekty na poziomie poszczególnych firm mogą obejmować: coaching kadry kierowniczej MŚP w celu zrozumienia, w jaki sposób ich specyficzne rynki mogą się zmienić w przyszłości, aby określić, które trendy kształtują ich działalność; w celu zrozumienia, jakie wydarzenia mogą zmienić trendy i jak mogą wpłynąć na rynki; w celu budowania scenariuszy przyszłości i pozycjonowania produktów lub usług firmy w tych przyszłych scenariuszach, aby lepiej przygotować się na zmiany.

List of potential funding sources, which correspond to the identified Thematic Areas	**Lista konkursów dot. współpracy międzynarodowej korespondujących ze wskazanymi obszarami współpracy**

THEMATIC AREA Industry 4.0
OBSZAR TEMATYCZNY Przemysł 4.0

CORNET - COllective Research NETworking
www.cornet.online
https://www.ncbr.gov.pl/fileadmin/Miedzynarodowe/cornet/29/2_Zasady_Udzialu_29_konkurs_CORNET.pdf
https://www.ncbr.gov.pl/fileadmin/Miedzynarodowe/cornet/29/1_guidelines_cornet_29th_call.pdf

There is no thematic focus in the CORNET Calls for Proposals. Consortia from all industrial sectors are invited to submit proposals, dealing with any technology. The main types of targeted activities are: industrial research and development; applied research and development. In some countries/regions, the following activities can also be funded: demonstrations; technology/knowledge transfer; dissemination workshops and training.	Jest programem wsparcia badań branżowych, w którym szczególnie uwzględnia się rolę małych i średnich przedsiębiorstw. Przedsięwzięcie polega na współpracy międzynarodowej instytucji zarządzających i finansujących badania branżowe. Celem przedsięwzięcia jest promowanie ścisłej współpracy pomiędzy zaangażowanymi podmiotami (narodowymi/regionalnymi ministerstwami i agencjami) oraz stwarzanie możliwości finansowania ze źródeł publicznych (narodowych/regionalnych) badań na potrzeby konkretnych branż przemysłowych.

- Deadline: 25.03.2020 r. Budget (for Poland): 750 000 EUR. Proposal in English (electronic system) and in Polish (printed to NCBR).

- Participating countries: Austria (FFG); Belgium - Flandria (VLAIO); Belgium - Walonia (SPW-DGO6); Brazil (EMBRAPII, FAPESP); Czechy (MPO); Netherlands (NEA); Japan (NEDO); Canada – Quebec (MESI); Germany (AiF, BMWi); Peru (CIENCIACTIVA); Poland (NCBR); Switzerland (BFE); Turkey (TUBITAK). Participation of Italy should be checked out.
- Partners: Associations, sector associations of companies, research entities.

EUREKA
https://www.eurekanetwork.org/

European network developing cooperation between SMEs, research centres and universities for industrial innovation Types of programs: 1. Network projects 2. Eurostars 3. Clusters	Celem inicjatywy EUREKA jest zwiększanie nowoczesności, produktywności i konkurencyjności przemysłu europejskiego. W jej ramach finansowane są projekty realizowane przez co najmniej dwóch partnerów z dwóch różnych państw członkowskich, ukierunkowane na opracowanie i wdrożenie lub znaczące ulepszenie istniejącej technologii produkcyjnej, wdrożenie nowego produktu lub usługi.

Ad. Eurostars:
The Eurostars Programme is a joint programme between EUREKA and the European Commission and the first European funding and support programme to be specifically dedicated to research-performing SMEs. Eurostars stimulates them to lead international collaborative research and innovation projects by easing access to support and funding.
- **Funding Italy**: https://www.eurekanetwork.org/countries/italy and https://www.eurostars-eureka.eu/countries/italy and http://www.ricercainternazionale.miur.it/era/art-185-del-trattato-dell-unione-europea/eurostars.aspx
- **Funding Poland**: https://www.eurekanetwork.org/countries/poland https://www.eurostars-eureka.eu/countries/poland
- **Deadline**: 13.02.2020 https://www.eurostars-eureka.eu/

Ad. Clusters:
EUREKA 'Clusters' are long-term, strategically significant industrial initiatives. They usually have a large number of participants, and aim to develop generic technologies of key importance for European competitiveness. A typical cluster project is: 2-14 participants. 3-4 countries. Duration: 30 months on average. Average project cost: 1.5 – 15 million EUR. https://www.eurekanetwork.org/eureka-clusters
- **CELTIC-NEXT** CELTIC-NEXT is an industry-driven European research initiative to define, perform and finance through public and private funding common research projects in the area of telecommunications, new media, future Internet, and applications & services focusing on a new "Smart Connected World" paradigm. CELTIC-NEXT is a EUREKA ICT cluster and belongs to the inter-governmental EUREKA network. Celtic is a EUREKA cluster project that carries out projects in the domain of integrated telecommunications systems.

- o **Call deadline: 30.03.2020**
  - o New project ideas with possibility to join: https://www.celticnext.eu/project-ideas-from-proposers-days-2/
- **EURIPIDES² - EUREKA Initiative for Packaging & Integration of µDevices & Smart Electronic Systems** https://www.euripides-eureka.eu/
  - o **Call deadline 28.02.2020** https://www.euripides-eureka.eu/40/getting-started
  - o **Funding:** Partners involved in a EURIPIDES² project are funded directly by the governments of their respective countries, according to national funding procedures. There is info on funding for Polish partners. There is no info of funding for Italian partners: only contact information.
  - o **Ongoing projects:** https://www.euripides-eureka.eu/projects
- **EUROGIA -** http://www.eurogia.com/ goal is to support and promote international partnerships developing innovative projects in low-carbon energy technologies.
  - o **Call deadline:** 30.03.2020
  - o **List of running projects looking for partners:** http://www.eurogia.com/projects/projects-looking-for-partners.html
- **SMART advanced manufacturing –** Advanced Manufacturing Program https://www.eurekanetwork.org/content/smart-advanced-manufacturing

SMART is a flexible industry-driven EUREKA Cluster program in Advanced Manufacturing. Its goal is to define, perform and fund collaborative, international & close-to-market R&D&I projects. SMART will launch at least one call per year, in a two-step approach, to maximize the chances for success and avoid unnecessary efforts during project set-up. It comprises more than 140 organizations in 21 EUREKA countries. The SMART Technology Roadmap provides essential guidelines for Europe to address societal challenges and strengthen the competitiveness of European manufacturing industry.

It was prepared by a broad group of experts from across the European industrial and scientific community.
- o https://www.smarteureka.com/en/
- o Project call deadline: 23.03.2020 https://www.smarteureka.com/en/submit-your-proposal/project-calls/
- o Funding: Neither Poland nor Italy is listed in the funding countries, yet. https://www.smarteureka.com/en/submit-your-proposal/funding-and-countries/
- o Project ideas looking for partners: https://www.smarteureka.com/en/submit-your-proposal/projects-looking-for-partners/
- o SMART members: https://www.smarteureka.com/en/smart-community/
- o Polish Partners: LaserTec; TIZ Implements, TMBK Partners
- o Italian partners: 11 entities
- o Becoming a member or a supporter: https://www.smarteureka.com/en/join-us/

EUREKA/ Horizon 2020

- **ECSEL** https://www.ecsel.eu/what-we-do-and-how

  The ECSEL Joint Undertaking - the Public-Private Partnership for Electronic Components and Systems – funds Research, Development and Innovation projects for world-class expertise in these key enabling technologies, essential for Europe's competitive leadership in the era of the digital economy.
  - **Funding:** Poland and Italy participate in ECSEL.
  - **List of running projects:** https://www.ecsel.eu/projects
  - **Calls:** https://www.ecsel.eu/calls/calls-2020

ECSEL JU Calls in 2020 – Preliminary Information

ECSEL JU plans to open 4 concurrent Calls in 2020:

- **H2020-ECSEL-2020-1-IA**-two-stage - Innovation Actions (ECSEL-IA)
- **H2020-ECSEL-2020-2-RIA**-two-stage - Research and Innovation Actions (ECSEL-RIA)
- H2020-ECSEL-2020-3-RIA-IMI–ECSEL-joint-activity-one-stage – ECSEL-RIA Joint activity complementing the Trials @ Home IMI project
- **H2020-ECSEL-2020-4-CSA**- Semantic-Webhosting

ECSEL-IA and **ECSEL-RIA** calls are 2 stage calls with the following timeline:

- calls open 05 feb 2020,
- deadline for the stage 1 (Project Outline) submission: 05 may 2020 (stage 1 is mandatory and gateing)
- deadline for the stage 2 (Full Project Proposal) submission: 16 sept 2020 (only proposals that scored above threshold at stage 1 will be invited to submit the stage 2)

ECSEL-CSA call is 1 stage call with the following timeline:

- call open 05 feb 2020,
- deadline for submission (Full Project Proposal) submission: 05 may 2020

ECSEL-RIA joint activity call with IMI JU is 1 stage call (only Full Project Proposal) – timeline (opening/deadline for submission) still to be defined: details will be communicated later

Horizon 2020

- **Fast Track to Innovation (FTI)**

FTI supports actions undertaking innovation from the demonstration stage through to market uptake, including activities such as piloting, test-beds, systems validation in real-world working conditions, validation of business models, pre-normative research, and standard-setting. The maximum EU	FTI dedykowany jest innowacjom, które wykazują wysoki potencjał do wdrożenia na rynku oraz mają szansę na sukces. Inicjatywa dotyczy pomysłów w dowolnym obszarze technologii i jest dostępna dla wszystkich podmiotów prawnych w UE i w krajach stowarzyszonych w ramach programu Horyzont 2020. Maksymalna wielkość grantu to 3 mln euro, a poziom dofinansowania 70%. Podmioty non for profit (np. uniwersytety, instytuty badawcze) mogą ubiegać się o dofinansowanie na poziomie 100%. W ramach inicjatywy FTI wymagane jest: utworzenie

contribution per action is €3 million (funding rate: 70% for for-profit entities; 100% for not-for-profit entities).	konsorcjum projektowego, składającego się z min. 3 i max. 5 partnerów z krajów członkowskich UE. Wspierane rozwiązania powinny być dojrzałe – na poziomie min. TRL 6. FTI ma doprowadzić technologię do poziomu 9, aby mogła być wdrożona na rynek.

- o **Deadline** 19.02.2020; 09.06.2020; 27.10.2020
- o **Call page and funded projects:** https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/eic-fti-2018-2020

- • **SME instrument** (EIC Accelerator Pilot)

SME instrument (EIC Accelerator Pilot) - From concept to market: Phase 2 helps you develop your business concept further into a market-ready product, service or process aligned with your company's growth strategy. Activities could, for example, include product/service development, trials, prototyping, validation, demonstration and testing in real-world conditions, and market replication. If the activity concerns a primarily technological innovation, a Technology Readiness Level (TRL) of 6 or above is required. Phase 2 offers a grant only support to SMEs in need of one last push before the scaling-up phase; and it will offer blended finance (combining grant and equity to SMEs looking to further develop their idea.	**SME Instrument** wyłącznie MŚP mogą aplikować o finansowanie; w przypadku, gdy mają one zamiar współpracować z uniwersytetami lub innymi organizacjami, mogą one zlecać im zadania wyłącznie na zasadzie podwykonawstwa. Instrument MŚP jest zorientowany na biznes oraz na wytworzenie rynkowych innowacji. Wsparcie dla MŚP zostało przygotowane w ten sposób, żeby objęty nim był cały proces tworzenia innowacji, począwszy od (1) studium wykonalności (feasibility part), poprzez (2) fazę B+R (główny grant obejmujący finansowanie prototypu i powielanie rynkowe), po (3) komercjalizację. W 2020 roku można aplikować tylko do fazy 2.

- o **Call deadlines:** 18.03.2020; 19.05.2020; 07.10.2020
- o **Financing:** Grant only funding is provided (funding rate 70%) of between €0.5 million and €2.5 million. Under the **blended finance option**, the grant component is limited to €2.5 million combined with an equity component of up to €15 million.
- o **Duration:** 12 – 24 months
- o **Call page:** https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/eic-smeinst-2018-2020;freeTextSearchKeyword=sme%20instrument;typeCodes=0,1;statusCodes=31094501,31094502;programCode=null;programDivisionCode=null;focusAreaCode=null;crossCuttingPriorityCode=null;callCode=Default;sortQuery=openingDate;orderBy=asc;onlyTenders=false;topicListKey=topicSearchTablePageState
- • **H2020: NMBP-TR-IND-2020 Call – TRANSFORMING EUROPEAN INDUSTRY**:
  - o DT-FOF-07-2020: Reliable and accurate assembly of micro parts (RIA) **Deadline** 05.02.2020
  - o DT-FOF-09-2020: Holistic energy-efficient factory management (IA) **Deadline** 05.02.2020
  - o DT-FOF-10-2020: Pilot lines for large-part high-precision manufacturing (IA) **Deadline** 05.02.2020
  - o DT-FOF-11-2020: Quality control in smart manufacturing (IA) **Deadline** 05.02.2020

- **H2020: Information and Communication Technologies:**
  - H2020-ICT-2018-20 Robotics in Application Areas and Coordination & Support ICT-46-2020 **Deadline** 22.04.2020
  - Call page: https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/ict-46-2020;freeTextSearchKeyword=;typeCodes=1;statusCodes=31094501,31094502;programCode=H2020;programDivisionCode=31047848;focusAreaCode=null;crossCuttingPriorityCode=null;callCode=Default;sortQuery=openingDate;orderBy=asc;onlyTenders=false;topicListKey=topicSearchTablePageState
- **H2020: Innovation in small and medium-sized enterprises:**
  - INNOSUP-01-2018-2020 Cluster facilitated projects for new industrial value chains
  - **Deadline:** 1st stage: 02.04.2020; 2nd stage: 08.09.2020
  - **Call page**: https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/innosup-01-2018-2020;freeTextSearchKeyword=;typeCodes=1;statusCodes=31094501,31094502;programCode=H2020;programDivisionCode=31047887;focusAreaCode=null;crossCuttingPriorityCode=null;callCode=Default;sortQuery=openingDate;orderBy=asc;onlyTenders=false;topicListKey=topicSearchTablePageState
  - INNOSUP-01-2018-2020 Pan-European advanced manufacturing assistance and training for SMEs
  - **Deadline**: 01.12.2020
  - **Call page**: https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/innosup-08-2020;freeTextSearchKeyword=;typeCodes=1;statusCodes=31094501,31094502;programCode=H2020;programDivisionCode=31047887;focusAreaCode=null;crossCuttingPriorityCode=null;callCode=Default;sortQuery=openingDate;orderBy=asc;onlyTenders=false;topicListKey=topicSearchTablePageState
  - Note: not applicants but end-users; test-beds

<mark>**THEMATIC AREA Education, strategy and internationalization**
OBSZAR TEMATYCZNY Edukacja, strategia i internacjonalizacja</mark>

Horizon 2020

- **H2020: Societal challenges**
  - TRANSFORMATIONS-18-2020 Technological transformations, skills and globalization - future challenges for shared prosperity
  - Deadline: 12.03.2020
  - Call page: https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/transformations-18-2020;freeTextSearchKeyword=;typeCodes=1;statusCodes=31094501,31094502;programCode=H2020;programDivisionCode=31047995;focu

- sAreaCode=null;crossCuttingPriorityCode=null;callCode=Default;sortQuery=openingDate;orderBy=asc;onlyTenders=false;topicListKey=topicSearchTablePageState
  - o TRANSFORMATIONS-15-2020 Society and innovations: understanding the contexts, processes and consequences
  - o Deadline: 12.03.2020
  - o Call page: https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/transformations-15-2020;freeTextSearchKeyword=;typeCodes=1;statusCodes=31094501,31094502;programCode=H2020;programDivisionCode=31047995;focusAreaCode=null;crossCuttingPriorityCode=null;callCode=Default;sortQuery=openingDate;orderBy=asc;onlyTenders=false;topicListKey=topicSearchTablePageState
  - o TRANSFORMATIONS-21-2020 Mentoring scheme for schools: mainstreaming innovation by spreading the advanced ICT-based teaching practices to a wide circle of schools
  - o Deadline: 12.03.2020
  - o Call page: https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/dt-transformations-21-2020;freeTextSearchKeyword=;typeCodes=1;statusCodes=31094501,31094502;programCode=H2020;programDivisionCode=31047995;focusAreaCode=null;crossCuttingPriorityCode=null;callCode=Default;sortQuery=openingDate;orderBy=asc;onlyTenders=false;topicListKey=topicSearchTablePageState

- **H2020: Spreading Excellence and Widening Participation**
  - o WIDENING FELLOWSHIPS - Support is foreseen for individual, trans-national fellowships awarded to researchers of any nationality, in Widening countries. (For example FBK researchers could come to ITeE)
  - o Deadline: 09.09.2020
  - o Call page: https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/wf-03-2020;freeTextSearchKeyword=;typeCodes=1;statusCodes=31094501,31094502;programCode=H2020;programDivisionCode=31048019;focusAreaCode=null;crossCuttingPriorityCode=null;callCode=Default;sortQuery=openingDate;orderBy=asc;onlyTenders=false;topicListKey=topicSearchTablePageState

- **H2020: Science with and for Society**
  - o SwafS-01-2018-2019-2020 Open schooling and collaboration on science education - It is expected that in the short term the development of partnerships between schools, local communities, Civil Society Organisations, universities and industry should contribute to a more scientifically interested and literate society and students with a better awareness of and interest in scientific careers. In the medium term the activities should provide citizens and future researchers with the tools and skills to make informed decisions and choices and in the long-term this action should contribute towards the ERA objectives of increasing the numbers of scientists and researchers in Europe.
  - o Budżet: 1,5 mio EUR
  - o Deadline:15.04.2020 (1 etap); 17.11.2020 (2 etap)

- Call link: https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/swafs-01-2018-2019-2020;freeTextSearchKeyword=;typeCodes=1;statusCodes=31094501,31094502;programCode=H2020;programDivisionCode=31048026;focusAreaCode=null;crossCuttingPriorityCode=null;callCode=Default;sortQuery=openingDate;orderBy=asc;onlyTenders=false;topicListKey=topicSearchTablePageState
- SwafS-08-2019-2020 Research innovation needs & skills training in PhD programmes -   Impact is expected on post-graduate candidates and early stage researchers' careers, in closing the Open Science and entrepreneurship skills gap between research employment in academia and beyond academia (…) and by joint design of skills training courses and curricula of consortium partners into modernised PhD programmes. Projects need to be organised by (or in cooperation with) experienced projects, which already developed and implemented joint PhD curricula, for example under Erasmus+ or ITN. . In all cases, partners should be able to demonstrate proof of concept and initial impact of the PhD training.
- Deadline date:15 April 2020
- Budżet: 0.2 – 0.3 mio EUR
- Call link: https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/swafs-08-2019-2020;freeTextSearchKeyword=;typeCodes=1;statusCodes=31094501,31094502;programCode=H2020;programDivisionCode=31048026;focusAreaCode=null;crossCuttingPriorityCode=null;callCode=Default;sortQuery=openingDate;orderBy=asc;onlyTenders=false;topicListKey=topicSearchTablePageState
- SwafS-14-2018-2019-2020 - Supporting the development of territorial Responsible Research and Innovation - Consortia should lay out a sequence of actions that open up and transform the R&I ecosystem and governance systems so that they are more open and inclusive. Proposals should develop concrete actions within individual beneficiaries' organisations (e.g. agenda setting and institutional changes in the fields of gender, ethics, public engagement, science education and open access) and in the territorial context (e.g. local and regional governance relations and decision-making processes).
- Deadline date:15.04.2020
- Budżet: 2 mio EUR
- Call link: https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/swafs-14-2018-2019-2020;freeTextSearchKeyword=;typeCodes=1;statusCodes=31094501,31094502;programCode=H2020;programDivisionCode=31048026;focusAreaCode=null;crossCuttingPriorityCode=null;callCode=Default;sortQuery=openingDate;orderBy=asc;onlyTenders=false;topicListKey=topicSearchTablePageState
- SwafS-26-2020 - Innovators of the future: bridging the gender gap   - The topic will support initiatives such as hands on activities, seminars, mentoring sessions, gender-inclusive innovative tools, etc. to develop entrepreneurial competences and inspire the next generation of innovators. In the short term, the action will raise awareness of the gender gap in innovation
- Deadline:15.04.2020
- Budżet: 1.5 mio EUR

- Call link: https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/swafs-26-2020;freeTextSearchKeyword=;typeCodes=1;statusCodes=31094501,31094502;programCode=H2020;programDivisionCode=31048026;focusAreaCode=null;crossCuttingPriorityCode=null;callCode=Default;sortQuery=openingDate;orderBy=asc;onlyTenders=false;topicListKey=topicSearchTablePageState
- SwafS-27-2020 Hands-on citizen science and frugal innovation   Citizen science: Development of new scientific knowledge and/or innovations with/by citizen scientists. Frugal innovation: Development of one or more frugal innovations with/by citizens.
- Deadline:15.04.2020
- Budżet: 1.8 – 2.2 mio EUR
- Call link: https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/swafs-27-2020;freeTextSearchKeyword=;typeCodes=1;statusCodes=31094501,31094502;programCode=H2020;programDivisionCode=31048026;focusAreaCode=null;crossCuttingPriorityCode=null;callCode=Default;sortQuery=openingDate;orderBy=asc;onlyTenders=false;topicListKey=topicSearchTablePageState
- SwafS-29-2020 The ethics of technologies with high socio-economic impact   - This work aims at complementing the work started in the context of SwafS-18-2016 call that addressed three areas: genomics, human enhancement and man-machine interactions (project SIENNA[2]. The action should conduct a similar analysis and refine the model and guidelines produced by the project funded under the above call. In order to do so, the action should carry out a thorough scanning of the technology horizon to identify three or four different technologies (or family of technologies) with an equivalent socio-economic impact.
- Deadline:15.04.2020
- Budżet: 4 mio EUR
- Call link: https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/swafs-29-2020;freeTextSearchKeyword=;typeCodes=1;statusCodes=31094501,31094502;programCode=H2020;programDivisionCode=31048026;focusAreaCode=null;crossCuttingPriorityCode=null;callCode=Default;sortQuery=openingDate;orderBy=asc;onlyTenders=false;topicListKey=topicSearchTablePageState
- SwafS-31-2020 Bottom-up approach to build SwafS knowledge base   R&I outcomes should help build effective cooperation between science and society, foster the recruitment of new talent for science, and pair scientific excellence with social awareness and responsibility.
- Deadline:15.04.2020
- Budżet: 0.9 – 1.1 mio EUR
- Call link: https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/topic-details/swafs-31-2020;freeTextSearchKeyword=;typeCodes=1;statusCodes=31094501,31094502;programCode=H2020;programDivisionCode=31048026;focusAreaCode=null;crossCuttingPriorityCode=null;callCode=Default;sortQuery=openingDate;orderBy=asc;onlyTenders=false;topicListKey=topicSearchTablePageState

Erasmus +
General call page: https://ec.europa.eu/programmes/erasmus-plus/opportunities/calls_en
National Erasmus + Agency Poland: https://erasmusplus.org.pl/
National Agency Italy: http://www.erasmusplus.it/

- **KA1 - Mobility projects in the field of education and training**
  - Mobility projects in the field of youth: **Deadline:** 05.02.2020; 30.04.2020; 01.10.2020
  - School education staff; VET learners and staff; Higher education students and staff; Mobility projects for higher education students and staff with Partner Countries; Adult education staff; **Deadline:** 05.02.2020
  - Erasmus Mundus Joint Master Degrees **Deadline:** 13.02.2020
- **KA2 - Strategic partnerships in the field of education and training**
  - Strategic partnerships in the field of youth **Deadline:** 05.02.2020; 30.04.2020; 01.10.2020
  - Strategic partnerships in Higher Education; Strategic partnerships in Vocational Education and Training; Strategic partnerships in School Education; Strategic partnerships in Adult Education; **Deadline:** 24.03.2020
  - Capacity building in the field of higher education; Capacity building in the field of youth **Deadline:** 05.02.2020
  - European Universities **Deadline:** 26.02.2020
  - **Knowledge Alliances -** jointly developing and implementing new learning and teaching methods (like new multidisciplinary curricula, learner-centred and real problem-based teaching and learning); organising continuing educational programmes and activities with and within companies; jointly developing solutions for challenging issues, product and process innovation (students, professors and practitioners together). Developing entrepreneurial mind-set and skills; Stimulating the flow and exchange of knowledge between higher education and enterprises.
    - **Deadline:** 26.02.2020
    - **Duration:** 2 – 4 years;
    - **Budget:** 700 – 1 mio EUR
    - **Call page:** https://eacea.ec.europa.eu/erasmus-plus/actions/key-action-2-cooperation-for-innovation-and-exchange-good-practices/knowledge-alliances_en
  - **Sector Skills Alliances -** Sector Skills Alliances aim at tackling skills gaps with regard to one or more occupational profiles in a specific sector. They do so by identifying existing or emerging sector-specific labour market needs (demand side), and by enhancing the responsiveness of initial and continuing vocational education and training (VET) systems, at all levels, to the labour market needs (supply side).
    - **Deadline:** 26.02.2020
    - **Call page:** https://eacea.ec.europa.eu/erasmus-plus/actions/key-action-2-cooperation-for-innovation-and-exchange-good-practices/sector-skills_en

- **KA3:**
  - European Policy Experimentation; Social inclusion in the field of education and training; Centres of Vocational Excellence
  - **Deadline:** 05.02.2020; 30.04.2020; 01.10.2020
  - **Jean Monnet Actions -** Jean Monnet Modules, Chairs and Centres of Excellence, Jean Monnet Support to Associations **(**Katedry, moduły, centra doskonałości, wsparcie dla stowarzyszeń, sieci, projekty) **Deadline:** 20.02.2020

Potential project titles in the area of Education, strategy and internationalization
Możliwe tytuły projektów RKM – Polo M w obszarze Edukacja, strategia i internacjonalizacja

  - Smart Specialisation in Action in Poland and Italy,
  - Development of ecosystems and innovation value chains: supporting Polish-Italian innovation through XY industries;
  - Knowledge exchange program and integration of educational offer in the regions of …,
  - Pilot action in XY sector for Country A and Country B development;
  - Policies for XY industries: the HUB for innovative regional development,
  - Clustering knowledge, Innovation and Design in the XY sector;
  - Knowledge Exchange Program for PL & ITA;
  - Internationalization and transfer of know how in the X sector of YZ regions,
  - Creation of cross regional platform for services aimed at improvement of processes in XY sector,
  - Training and capacity building for Business Support Organisations in MAZ & Trentino;
  - Strengthening and development of co-operation between Poland and Italy,
  - Improvement of production processes in XY sector through Environmentally Sustainable Approach

List of additional activities that should help clarify possible sources of financing for cooperation:
Lista dodatkowych działań, które powinny pomóc sprecyzować możliwe źródła finansowania współpracy:

- **Establishing contact with the Italian Chamber of Commerce and Industry in Poland /Nawiązanie kontaktu z Włoską Izbą Handlowo-Przemysłową w Polsce (**https://www.cciip.pl/**)**

CCIP is a non-profit organization recognized by the Italian government's decree (Ministero dello Sviluppo Economico, pursuant to Act No. 518/70). CCIIP was founded in 1996 on the initiative of a group of Italian entrepreneurs and over 20 years of activity has become a recognized and influential business environment associating over 120 members, both Italian and Polish. The largest Italian investors in Poland are represented by CCIP.	Włoska Izba Handlowo-Przemysłowa w Polsce - La Camera di Commercio e dell'Industria Italiana in Polonia (CCIIP) jest organizacją non-profit uznaną przez rząd włoski dekretem Ministerstwa Rozwoju Gospodarczego (Ministero dello Sviluppo Economico, w myśl ustawy nr 518/70). CCIIP powstała w 1996 roku z inicjatywy grupy włoskich przedsiębiorców i w ciągu 20 lat działalności stała się uznanym i wpływowym środowiskiem biznesowym zrzeszającym ponad 120 członków, zarówno włoskich jak i polskich. Najwięksi włoscy inwestorzy w Polsce są reprezentowani przez CCIP.

- o Getting acquainted with the offer of CCIP services and events that could facilitate cooperation between RKM and Polo M/ Zapoznanie się z ofertą usług i wydarzeń CCIP, które mogłyby ułatwić współpracę pomiędzy RKM a Polo M
- o Familiarization with CCIP membership conditions/ Zapoznanie się z warunkami członkostwa w CCIP

- **Establishing contact with ICE - Agency for the Promotion and Internationalization of Italian Enterprises /Nawiązanie kontaktu z ICE - Agencją Promocji i Internacjonalizacji Przedsiębiorstw Włoskich/**

ICE is an Italian government agenda with a diplomatic status, whose task is to promote commercial and industrial cooperation, publication of information about Made in Italy technology and dissemination of knowledge about the economy of Italy.	ICE to włoska agenda rządowa o statusie dyplomatycznym, której zadaniem jest promocja współpracy handlowej i przemysłowej, publikacja informacji o technologii Made in Italy oraz upowszechnianie wiedzy o gospodarce Italii.

- **Familiarization with CEEMET membership conditions / Rozpoznanie oferty i warunków członkostwa w CEEMET European organisation of Metal, Engineering, Technology-based industry employers** (https://www.ceemet.org/)
  - o Analysis of reports/ Analiza raportów[1] and articles/ i artykułów[2] CEEMET: 10 Point Plan for a competitive industry sustaining social Europe; Digitalisation and the World of Work; Digitalisation and the World of Skills and Education, INDUSTRY4EU : industry 4.0 for the future of manufacturing in the EU; Shaping Talents Study: New business prospects, competitiveness and improved employability through lifelong learning, Building a European Education Area by 2025, Tech and Industry employer's views on the Annual Growth Survey 2020.
- **Getting acquainted with the offer of FEDERMECCANICA** / **Rozpoznanie oferty oraz zakresu działalności FEDERMECCANICA**, the Italian Federation of Metalworking Industries (Włoską Federacją Przemysłu Obróbki Metali) (https://www.federmeccanica.it/)

---

[1] https://www.ceemet.org/page/studies
[2] https://www.ceemet.org/position-papers

- **Getting acquainted with the offer of INFORMEST** / Rozpoznanie oferty oraz zakresu działalności INFORMEST, (http://www.informest.it/)

Informest promotes economic cooperation between northeastern Italy, the countries of Central and Southeastern Europe, the countries of the former Soviet Union, China and Asia. Informest successfully implements territorial cooperation projects under the European Structural Funds and under European research and innovation projects.	Informest promuje współpracę gospodarczą pomiędzy północno-wschodnimi Włochami, krajami Europy Środkowej i Południowo-Wschodniej, krajami byłego Związku Radzieckiego, Chinami i Azją. Informest z powodzeniem realizuje projekty współpracy terytorialnej w ramach europejskich funduszy strukturalnych oraz w ramach europejskich projektów w zakresie badań i innowacji.

- **Getting acquainted with the offer of SACE SIMEST / Rozpoznanie oferty SACE SIMEST**, Italian Export Credit Agency (https://www.sacesimest.it/) addressed to Italian companies to support export and internationalization activities / skierowanej do firm włoskich na wsparcie działalności eksportowej i internacjonalizacyjnej.