



Indonesian Science Fund

Stronger together - How Indonesia is joining forces with the EU in combating COVID

European Research Day, 19 October 2020

Content

- From Wuhan to Worldwide
- Indonesia Covid-19
- Government R&D Action
- Strong Together
- Available International Joint Research Call

From Wuhan to Worldwide

Dec.
2019

- Cluster of pneumonia cases in Wuhan was reported

Mar.
2020

- WHO characterized COVID-19 as a pandemic after the infection spread rapidly worldwide

Oct.
2020

- COVID-19 has spread to more than 200 countries worldwide with more than 38 million people affected and more than 1 million death



- 2nd wave of pandemic



- No appropriate medicine
- No vaccine available (140 vaccine candidates)



> 7 billion population



Increasing restrictions
in our daily life

Many countries unprepared,
sparking an unprecedented
crisis across the world.

Indonesia Covid-19



> 265 million



Diverse population

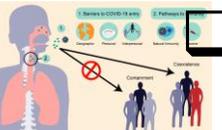
> 13.000 islands, 250 tribes with their local languages



337.000 affected, 259.000 recovered, 11.900 died (Oct. 12, 2020)



having a gradual acceleration regarding the positive patients and has not showed any sign of decline



spread from one region to another within a week, and this disease occurred throughout the Indonesia islands.

Government R&D Action



Increasing the government research budget



Empowering the centre of excellence and provide research grant for research consortium on Covid-19 (vaccine consortium, herbal/medicine consortium)



Launched research call for research and innovation Diaspora on Covid-19 (including health, interdisciplinary, and social economy research area)



Strengthening and continue supporting the joint call either bilateral (Indonesia-UK, Indonesia-France, Indonesia-Germany, etc.) and multilateral (SEA-EU JFS, e-Asia)



Launched International Research Collaboration Call (health/life science, nanotechnology, and marine science and technology)



Coordinate and facilitate the link between researchers/inventors and industries for transfer or diffusion technology, joint development of medical eq., personal protective equipment.

Strong Together

On going research:

- Vaccine development (recombinant vaccine, "includes only the components, or antigens, that best stimulate the immune system" - 2022)
- research on prevention, filtering and diagnosis; medical equipment and supporting devices; medicines and therapies; and, social humanities



- Interdisciplinary researcher
- Laboratory equipment
- Expertise and experience
- Sustainable R&D investment



Joint research with EU

EU researchers:

- Access to biodiversity – natural resources
- Access to diverse population. Culture
- Get the best partner among 2000 university in Indonesia and researcher that graduated from European or national university
- Can perform bilateral or multilateral research cooperation

The aim of cooperation:

- Strengthening the existing cooperation (bilateral or multilateral)
- Effectiveness R&D investment and time delivery
- Working together to solve global issues including anticipating the next pandemic

South East Asia – EU Joint Funding Scheme (SEA-EU JFS)

<https://www.sea-eu-jfs.eu/calls>

5th S&T Call:

6th Innovation Call:

- Time of scheme : bi-regional, multilateral
- Basic rule : 2+1 countries, no money crossing border
- Type of consortium: multi-disciplinary, trans-nationality

➤ Call for proposal	: 15 June – 15 December 2020	15 June – 15 January 2021
➤ Thematic	: Infectious Diseases (including Covid-19) and Nanotechnology	Digital Health (including Infectious Diseases) and Bioeconomy (including Application of ICT-based Tech.)
➤ Aim	: to support projects which are close to basic research and the targeted TRL at the end not be higher than 4	to support projects with a strong application focus and TRL should at least be 3
➤ Funding agencies:	<ul style="list-style-type: none"> - FRS-FNRS, FWO (Belgium) - BNSF (Bulgaria) - CAS (Czech) - BMBF (Germany) - SNSF (Switzerland) - Tubitak (Turkey) - MoRT (Indonesia) - DOST & PCIEERD (Philippine) - NSTDA (Thailand) - MoST (Vietnam) = MoST (Lao PDR) - UBD (Brunei Darussalam) - MoE (Myanmar) 	<ul style="list-style-type: none"> - BNSF (Bulgaria) - CAS (Czech) - CDTI (Spain) - Tubitak (Turkey) - LPDP (Indonesia) - TCELS (Thailand) - PCIEERD (Philippine) - MoST (Vietnam) - UBD (Brunei Darussalam) - MoST (Lao PDR) - MoE (Myanmar)

Matchmaking Event on health-related topics will take place in the spirit of the World Health Summit 2020 at 28 Oct. 2020 at 3pm (GMT+7)⁷