SDG 9 : Industry, Innovation and Infrastructure

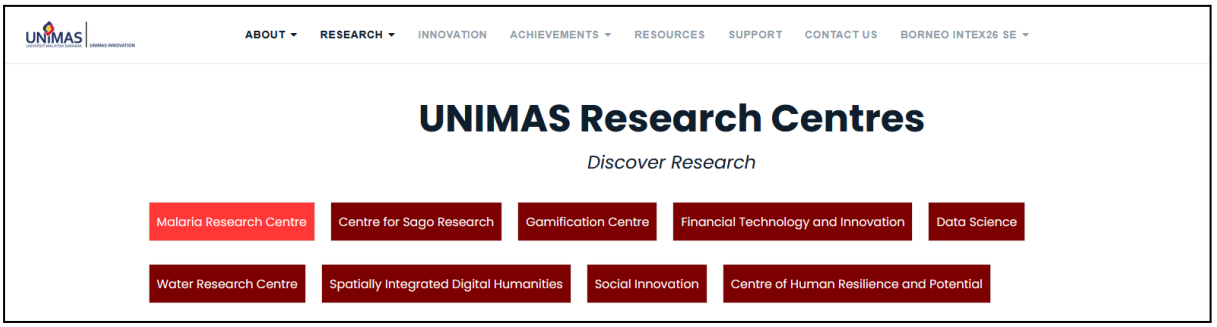
Universiti Malaysia Sarawak (UNIMAS) supports SDG 9: Industry, Innovation and Infrastructure by promoting research and development, technological innovation, digital transformation, and collaboration with industry and communities. Through its research initiatives, innovation programmes, and development of modern facilities, UNIMAS contributes to strengthening technological capabilities, encouraging knowledge transfer, and fostering sustainable infrastructure to support regional socio-economic development.

UNIMAS Research Centres

The Centre for Research, Development, Innovation, Commercialisation and Economy (RDICE) at Universiti Malaysia Sarawak (UNIMAS) promotes research excellence, technological innovation, and commercialisation. It manages research grants, strengthens researchers' capabilities through workshops and engagement programmes, and facilitates collaboration with government agencies, industries, and research institutions. Its key research areas include biodiversity and environmental conservation, information and creative technology, and sustainable community development. Through these initiatives, RDICE transforms research findings into practical solutions that support industrial growth, technological advancement, and socio-economic development, contributing to SDG 9: Industry, Innovation and Infrastructure.

Keywords: Research and development, technological innovation, research commercialisation, industry collaboration, sustainable infrastructure, knowledge transfer, industrial development.

Link: [UNIMAS Research Centres]



9.3 University spin offs

9.3.1 Number of university spin-offs

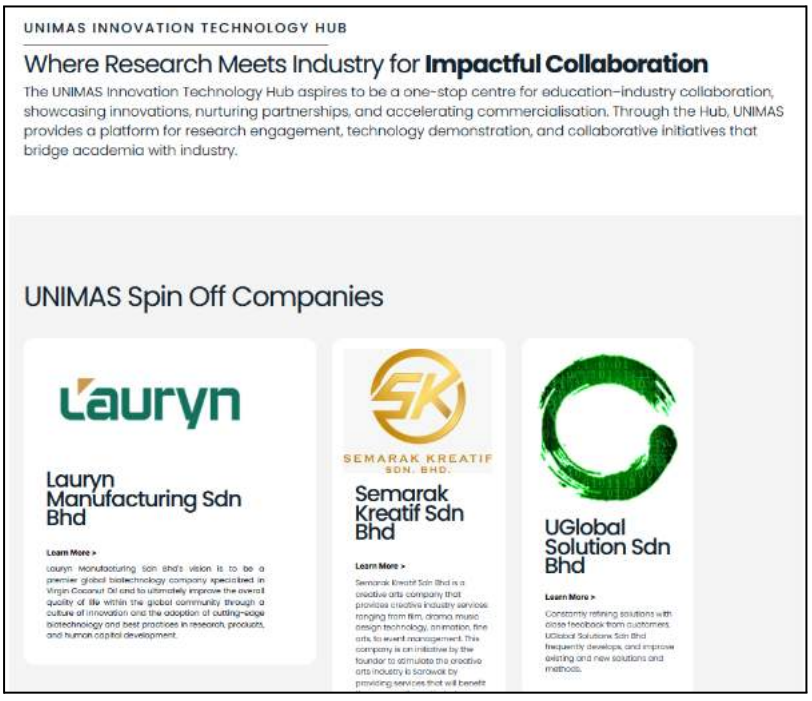
UNIMAS currently have 5 spin-offs company which are namely;

1. *Lauryn Manufacturing Sdn Bhd* (Biotechnology using virgin coconut oil)
(*Faculty of Resource Science and Technology*)
2. *Semarak Kreatif Sdn Bhd* (Creative Arts Company)
(*Faculty of Applied and Creative Arts*)
3. *UGlobal Solution Sdn Bhd* (Refining solutions and giving feedbacks)
(*Faculty of Resource Science and Information Technology*)
4. AWFA Water Sdn Bhd (to provide a safe, sustainable, and chemical-free water to rural communities across Sarawak)
(*Faculty of Engineering*)
5. RCERT Solution Sdn Bhd (Biotechnology company that offers medical screening devices)
(*Faculty of Medicine and Health Science*)

In the future, the campus aims to add more spin-off companies to be a part of the modernisations and innovations of the future through functional collaborations.

Keywords: University spin offs, Impactful collaboration, Research Meets Industry, Hub for Innovation, Partnership

Link: [UNIMAS Spin Off Company]



9.4 Research income from industry

UNIMAS supports SDG 9.4 (Upgrade Infrastructure and Retrofit Industries for Sustainability) by encouraging research commercialisation, technological innovation, and the development of university spin-off companies. Two spin-off companies have been established through different faculties: AWFA Water Sdn. Bhd. under the Faculty of Engineering, with an amount of RM80,000, and RCERT Solution Sdn. Bhd. under the Faculty of Medicine and Health Sciences, with RM10,000. These initiatives demonstrate UNIMAS's efforts to translate academic research and expertise into commercially viable solutions, strengthen industry collaboration, and promote innovation that contributes to sustainable industrial development.

Keywords: University Spin-offs, Research Commercialisation, Technological Innovation, Industry Collaboration, Sustainable Industrial Development

Faculty	Spin Off Company	Amount (RM)
Faculty of Engineering	AWFA Water Sdn Bhd	80,000
Faculty of Medicine and Health Sciences	RCERT Solution Sdn Bhd	10,000

9.4.1 Number of Academic Staff by subject area

UNIMAS contributes to the objectives of SDG 9.4.1 by promoting education and research in Science, Technology, Engineering and Mathematics (STEM), alongside Medicine, Arts and Humanities, to support innovation and sustainable development. The strong number of academicians in STEM and Medicine highlights UNIMAS's commitment to developing technical knowledge, scientific expertise and research capabilities that can contribute to technological advancement, resource efficiency and more sustainable industrial practices.

Keywords: Education in STEM, Study medicine, Innovation and Sustainable, Scientific expertise, Efficient resources

FACULTIES UNDER STEM						
FK	**FSKTM**	**FAB**		**FSTS**		**TOTAL**
136	70	31		87		**237**
FACULTIES UNDER ARTS & HUMANITIES						
FSSK	**FSGK**	**FPBK**	**FUU**	**FSKPM**	**FEP**	**TOTAL**
51	64	82	18	74	70	**359**
FACULTY OF MEDICINE						
158						**158**
				TOTAL FOR ALL FACULTIES		**754**

**FK = Faculty of Engineering, FSKTM = Faculty of Computer Science and Information Technology, FAB = Faculty of Built Environment, FSTS = Faculty of Resource Science and Technology, FSSK = Faculty of Social Sciences and Humanities, FSGK = Faculty of Applied and Creative Arts, FPBK = Faculty of Language and Communication, FUU = Faculty of Law, FSKPM = Faculty of Cognitive Sciences and Human Development,*
FEP = Faculty of Economics and Business.