

## University Interdisciplinary Research (IDR) KPI Framework

### Strategic Objective

To enhance high-impact interdisciplinary research that addresses complex societal challenges, supports innovation, and improves international competitiveness.

### KPI Framework Structure

The framework is organized into **5 KPI domains**:

1. Capacity & Infrastructure
2. Collaboration & Integration
3. Research Output Quality
4. Funding & Sustainability
5. Societal & Global Impact

### Core IDR KPIs

#### Domain 1: Capacity & Infrastructure

KPI	Definition	Formula	Data Source	Target
IDR Faculty Participation Rate	% of faculty in interdisciplinary projects	$(\text{IDR faculty} \div \text{total faculty}) \times 100$	HR / Research Office	$\geq 30\%$
Interdisciplinary Research Units	Active centers/labs spanning $\geq 2$ disciplines	Count	University records	Annual growth
Seed Funding Allocation	Budget dedicated to IDR	$\text{IDR seed funds} \div \text{total research budget}$	Finance	$\geq 10\%$
Interdisciplinary Training Programs	IDR workshops, PhD tracks	Count	Graduate Studies	$\geq 4/\text{year}$

#### Domain 2: Collaboration & Integration

KPI	Definition	Formula	Data Source	Target
Cross-Faculty Projects	Projects involving $\geq 2$ faculties	Count	Research database	+15% annually
IDR Co-Authorship Rate	Publications with authors from different disciplines	$(\text{IDR papers} \div \text{total papers}) \times 100$	Scopus	$\geq 25\%$
Joint Supervision Rate	Theses with $\geq 2$ disciplinary supervisors	%	Graduate School	$\geq 20\%$
External IDR Partnerships	Multi-sector IDR collaborations	Count	Contracts Office	Annual increase

#### Domain 3: Research Output Quality

KPI	Definition	Measurement	Data Source	Target
Interdisciplinary Publications	Papers in interdisciplinary journals	Count	Web of Science	+10%
Interdisciplinarity Index	Diversity of cited disciplines	Bibliometric score	Scopus/WoS	Above global avg
Citation Impact (FWCI)	Field-Weighted Citation Impact	FWCI score	Scopus	$\geq 1.2$
Q1 IDR Publications	IDR papers in top quartile	%	Scimago	$\geq 40\%$

	journals			
--	----------	--	--	--

#### Domain 4: Funding & Sustainability

KPI	Definition	Formula	Data Source	Target
IDR Grant Income	Funding for interdisciplinary projects	Total amount	Finance	+20%
IDR Grant Success Rate	Won IDR grants ÷ submitted	%	Research Office	≥ 30%
International IDR Funding	Foreign-funded IDR projects	% of total	Grants database	≥ 25%
Industry-Co-Funded IDR	IDR grants with industry	Count	Tech Transfer	Annual growth

#### Domain 5: Societal & Global Impact

KPI	Definition	Measurement	Data Source	Target
SDG-Linked IDR Projects	Projects addressing SDGs	%	Research tagging	≥ 60%
Policy Impact	IDR cited in policy/strategy docs	Count	Impact reports	≥ 5/year
Patents from IDR	Patents involving ≥2 disciplines	Count	Tech Transfer	+10%
Innovation Outputs	Prototypes, startups, pilots	Count	Innovation Center	Annual growth