



ANSTO Graduate Institute

Accelerators, Graduates and Research Translation

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Accelerator Technology Forum
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Science. Ingenuity. Sustainability.

ANSTO Innovation Precinct

1

**New talent
new solutions**

2

**Start up
culture**

3

**Future high
tech industry**

GI Goal

- Create a cohort of graduate students and early career appointments embedded in ANSTO and integrated into the Innovation Precinct that will enhance STEM training and impact.

The GI:

- Is a framework that enhances the HDR/ECR experience at ANSTO
- AND
- Provides industry focus and connections
- The GI does not:
 - Substitute for university supervision requirements
 - Diminish the role of the principal supervisor
 - Grant degrees

GI value proposition – connectivity

- Connection to ANSTO – people and infrastructure
- Connection to industry – people, training and ideas
- Connection to each other – cross discipline, cross institution

GI approach

- AINSE – networking; social; schools; programs
- Nandin – networking; training
- ANSTO – mentorship; supervision; access
 - Events
 - Entrepreneurial programs
 - Networking
 - Shared spaces: B72; workspaces; prototyping space; ideation & design space; industry suites & laboratories; kitchen
 - Training
 - Design Factory
 - Incubator

GI and Research Translation

- GI complements and supports AINSE through its research translation/industry focus
- ANSTO as a PFRA (Corporate Commonwealth Entity) is directed through its Act and under the statement of Minister's expectation to engage with industry

What is Research Translation?

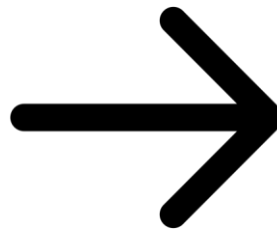
the synthesis, exchange, and application of knowledge by relevant stakeholders to accelerate the benefits of global and local innovation in strengthening health systems and improving people's health (WHO)

the process of moving research ideas from labs to clinics.
(Department of Health)

the middle, meeting ground between two fundamentally different processes: those of research and those of action ([Campbell et al.](#))

the process of moving knowledge into action through information and evidence exchange between knowledge producers and knowledge users ([Mitton et al.](#))

the process whereby knowledge is passed anywhere along the translational pathway i.e. research findings are translated into practice, policy or further research (Davidson, 2011)

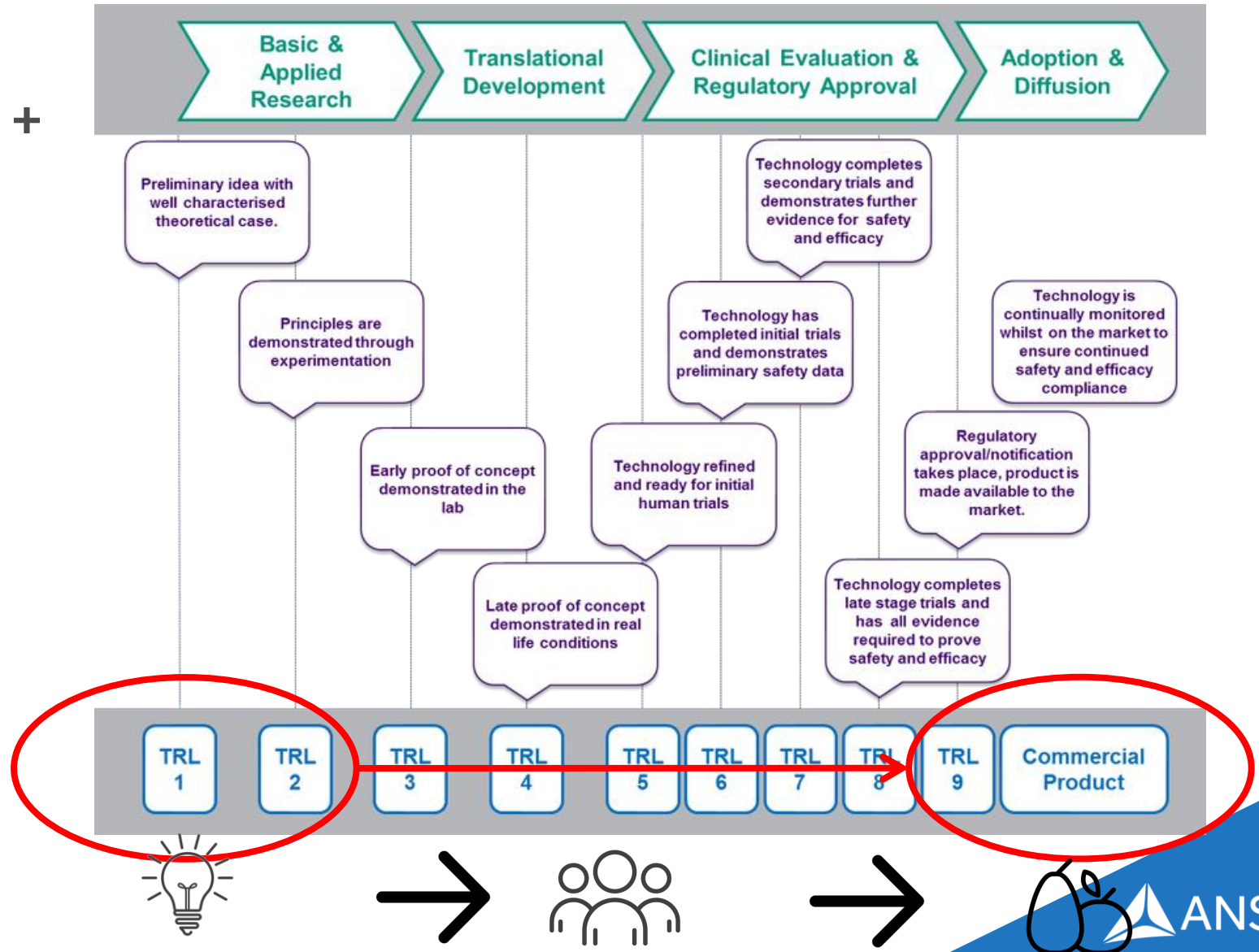


Research translation Impact

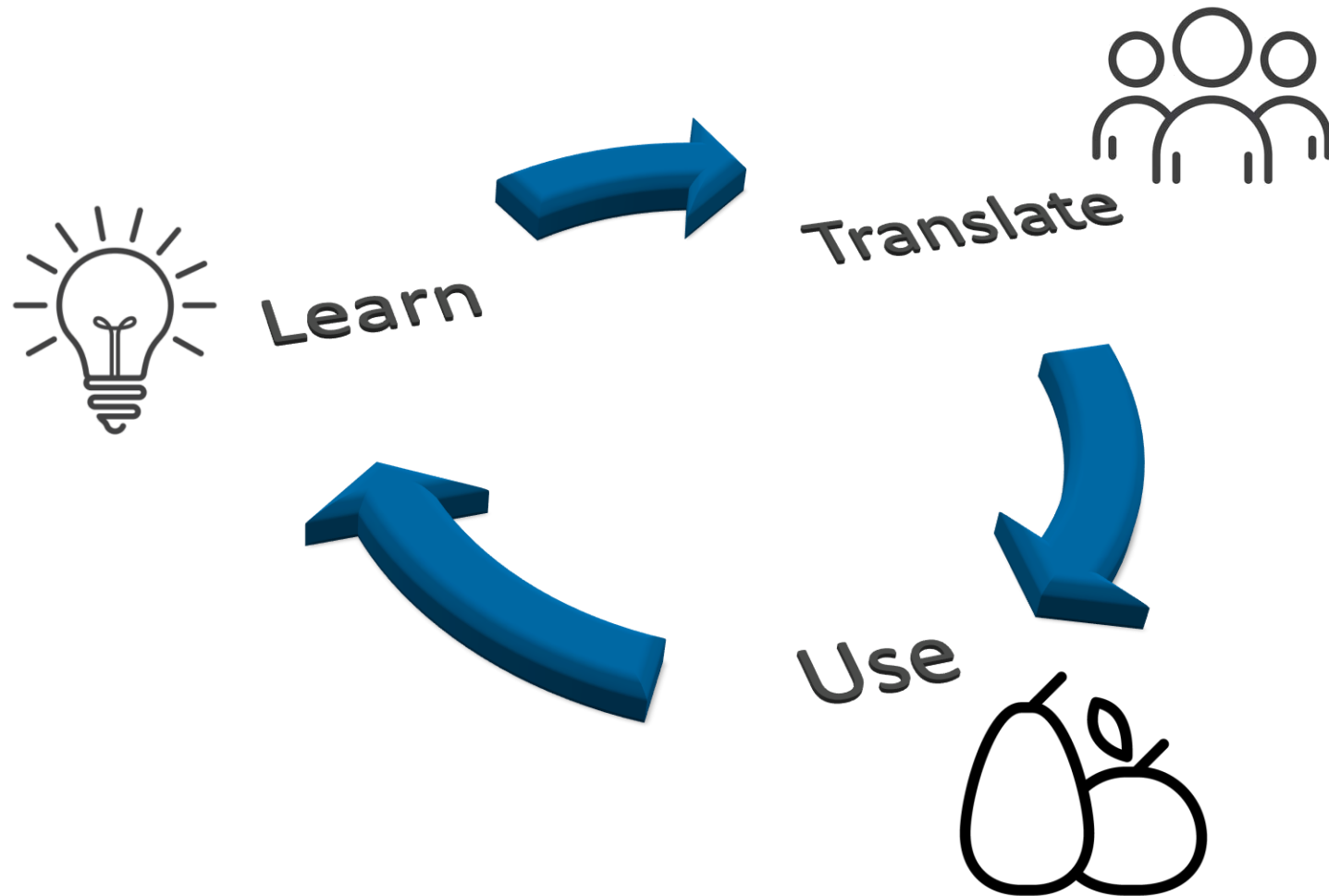
It's a process connecting people

- Knowledge creators +
- Translation +
- End users =
- Impact

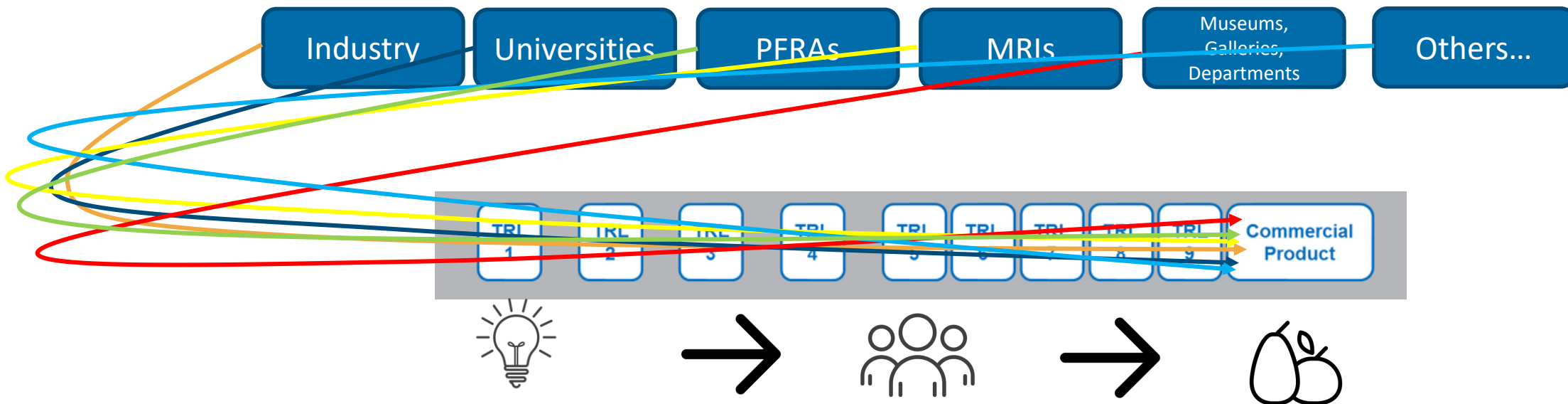
Operations	TRL9
Active Commissioning	TRL8
Inactive Commissioning	TRL7
Large Scale	TRL6
Pilot Scale	TRL5
Bench Scale Research	TRL4
Proof of Concept	TRL3
Invention and Research	TRL2
Basic Principles	TRL1

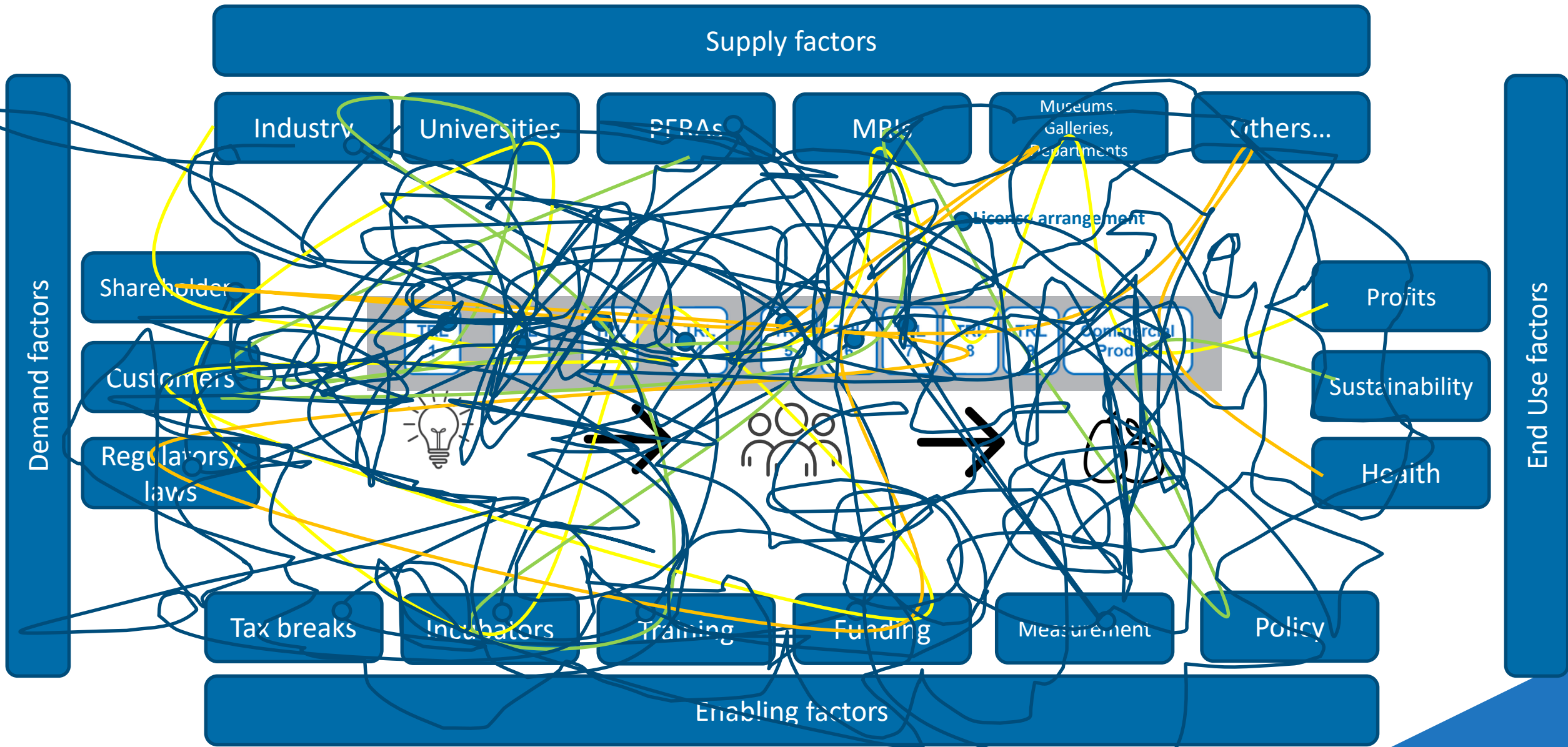


A continual process



A one-dimensional process?





GI, RT, Accelerators

- Think industry
- Think opportunities for students/ECRs
- Upcoming opportunities
 - New full stipend scholarship
 - New top-up scholarships