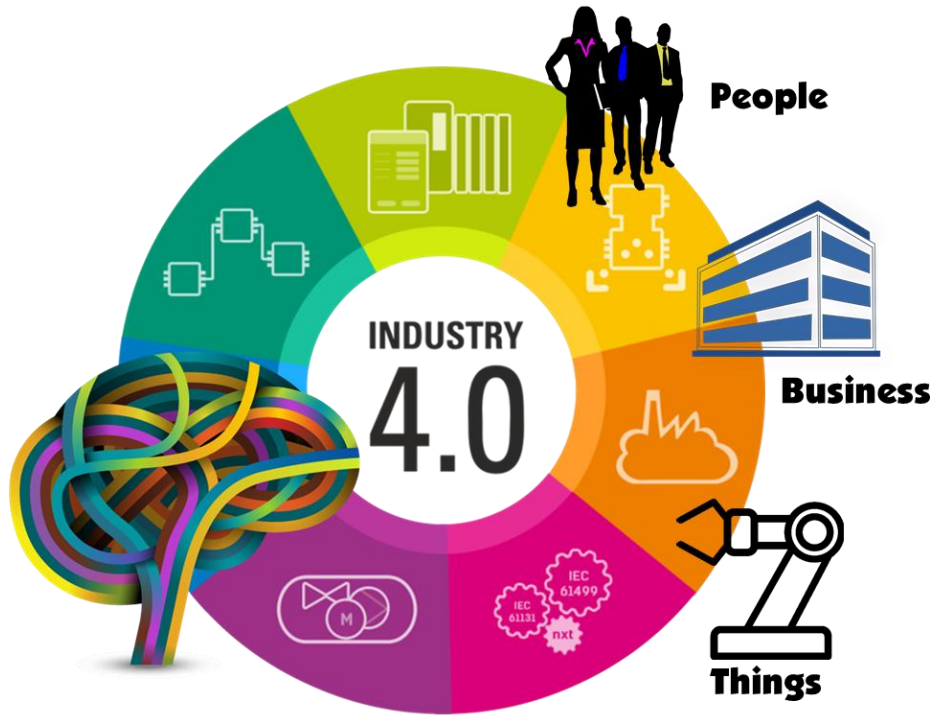
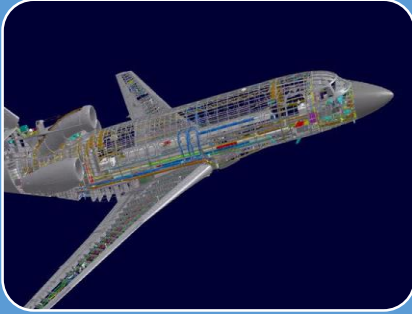


University 4.0 and Economy, Business, Society, Government and Technology



Horizontal Impact



H1: Stakeholders interest

- Identification of stakeholders (e.g. industry, policy makers, regulators, community)
- Identification of stakeholders interest in working towards inception to completion of courses and research (e.g. topics, student selections, research topics, evaluation, delivery)



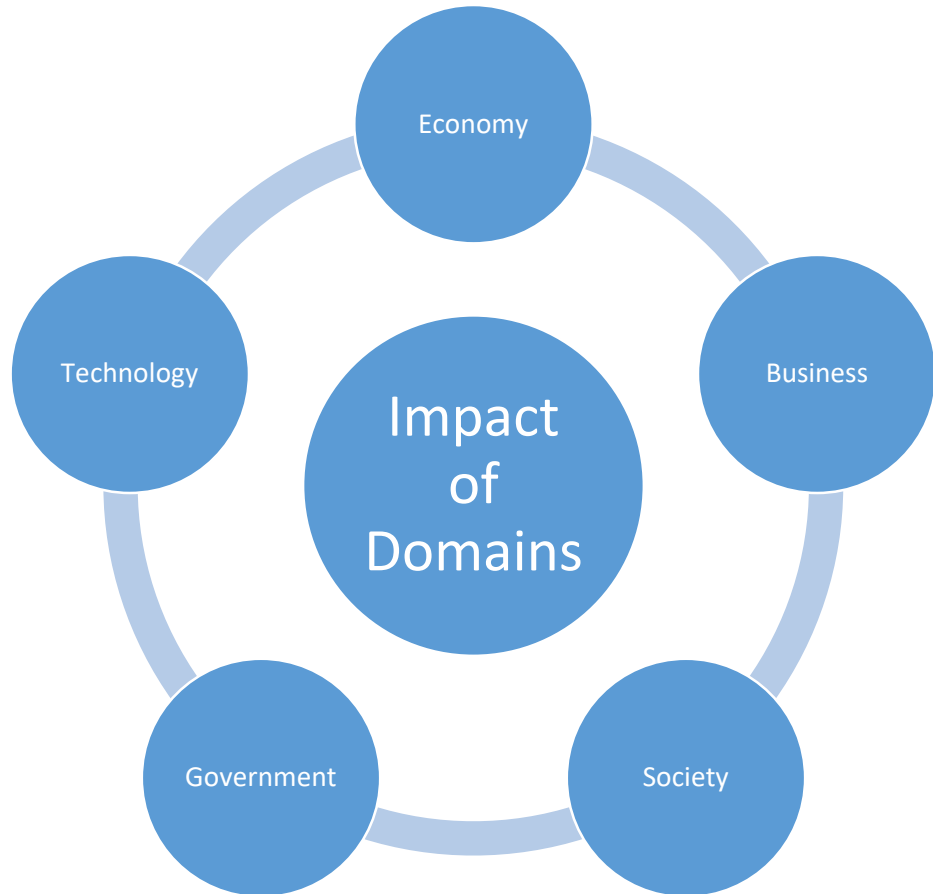
H2: Ethics

- Addressing ethical issues such as privacy and security
- Addressing mindset changes (e.g. relying on labor)
- Addressing behavioral issues



H3: Foresight

- Forecasting disruptions
- Utilisation of data



Domain	Impact on HE design and policies
D1. Economy	<ul style="list-style-type: none"> • Nature of work (e.g. Jobs creation, employment) • Macro and micro economic policy and expected changes (e.g. demand and supply, international trade and investment)
D2. Business	<ul style="list-style-type: none"> • Changes in both products, processes and services (e.g. business planning, IoT) • Leapfrogging from IR 2.0 to IR 4.0 • Utilisation of data and analytics • Innovation Management
D3. Society	<ul style="list-style-type: none"> • Security and behavior (e.g. policing and non-traditional threats) • Lifestyles (e.g. product selections) and gaps in society • New skills (negotiations, cognitive flexibility, strategic thinking, technical knowledge and innovative/ creative)
D4. Government	<ul style="list-style-type: none"> • Policy and rule-making • Approach towards education • Addressing changes in values
D5. Technology	<ul style="list-style-type: none"> • Infrastructure and innovation ecosystem • Upgrading and drivers towards upgrading • Collaborative research • Innovation and innovation management