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June 23rd 2020

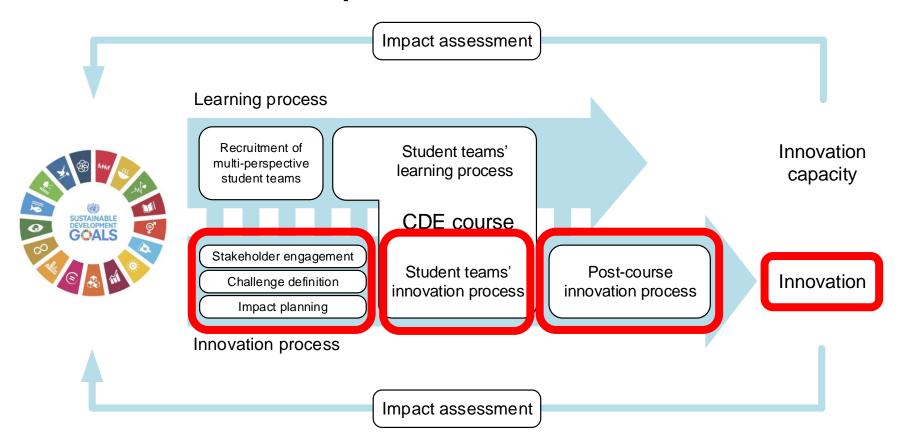


StrathmoreUNIVERSITY



Strathmore UNIVERSITY Recap from 2019 **PROBLEM SOLUTION CHALLENGE SOCIETAL IMPACT ACTIONABLE CHALLENGE ALTERNATIVE SOCIETAL SOLUTIONS PROBLEM IMPACT**

CDEGDH Concept



Why CDE?



- 1. Sustainable societies
- 2. Opportunity to achieve Global SDGs
- 3. Expanding societal innovation capacity
- Students capacity to innovate
- Students capacity to implementation



Methods

Design thinking methodology

- Students training
- Teacher training

Challenge definition

Stakeholder workshops

Innovation canvases

- Post course innovation hypothesis formulation
 Impact circles and Impact logic
- Impact planning and assessment



Teacher training

Focus on teaching

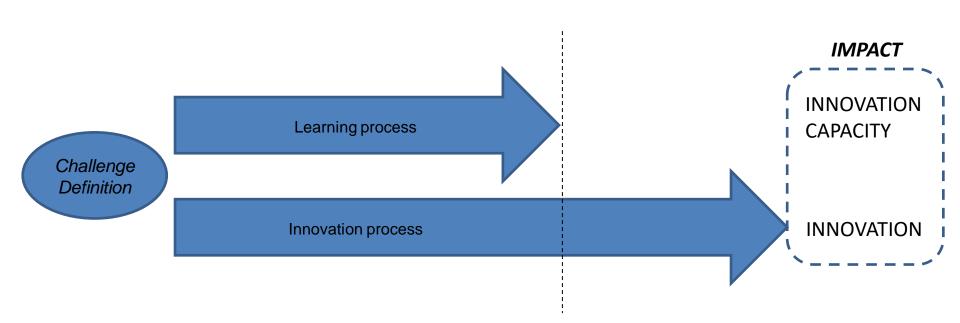
Workshop 1: Introduction to CDE

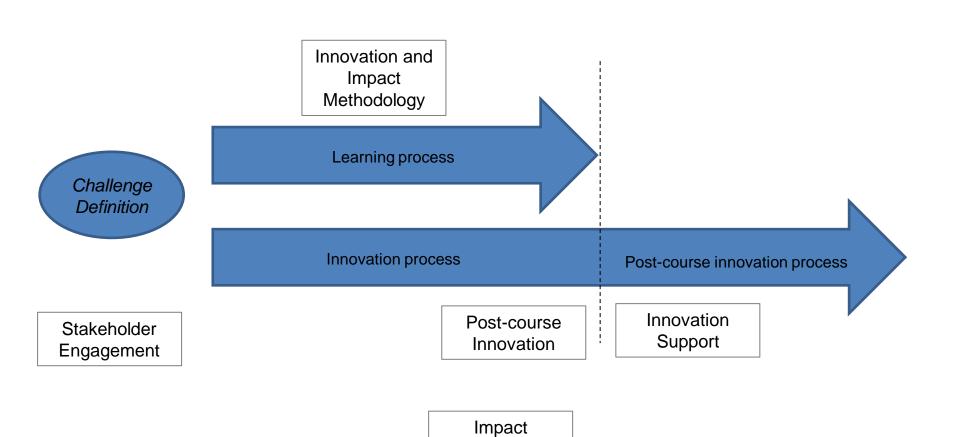
Workshop 2: Design Thinking

Workshop 3: Sustainable Development

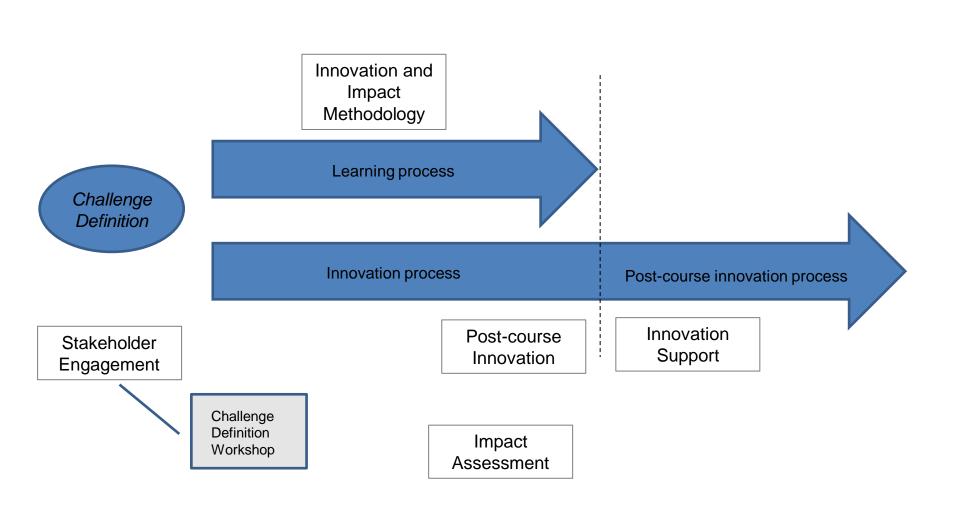
Workshop 4: Stakeholder Engagement

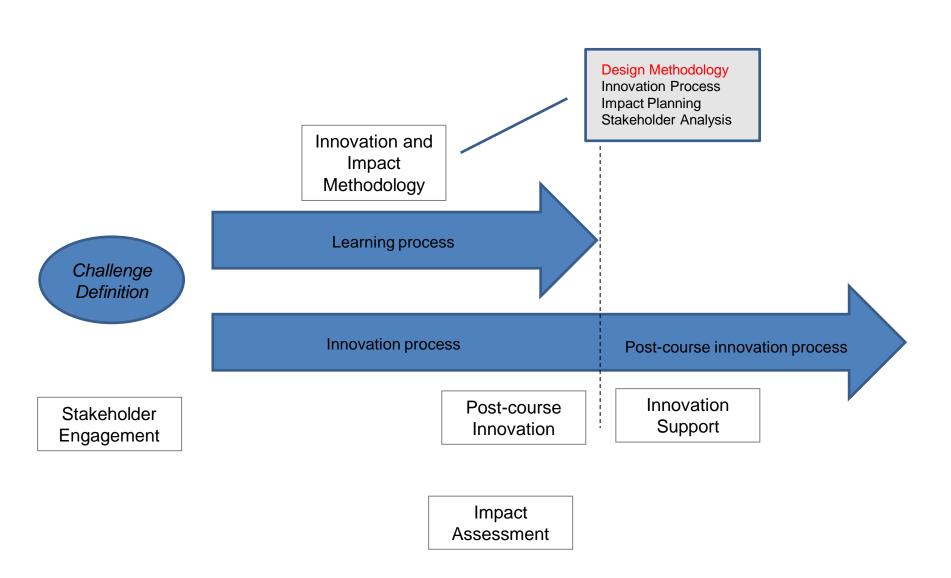
Workshop 5: Innovation and Impact Planning

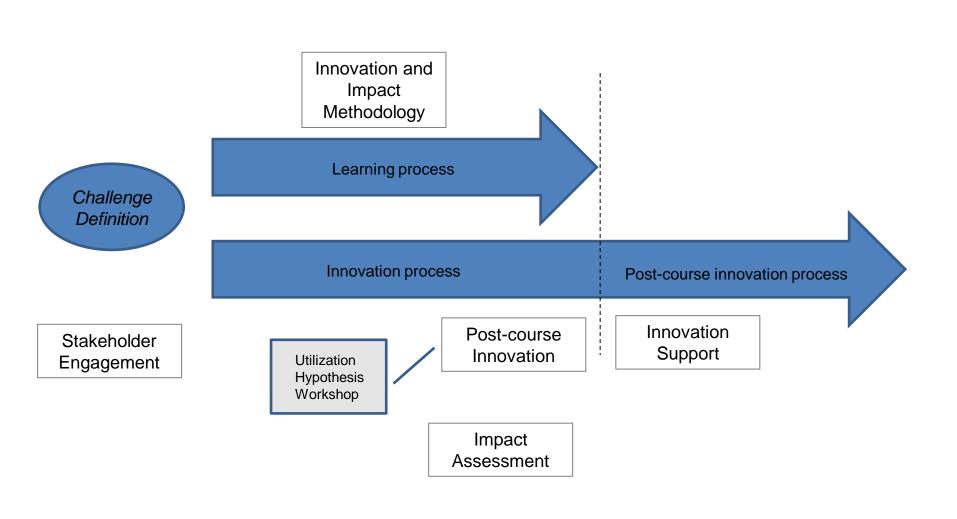


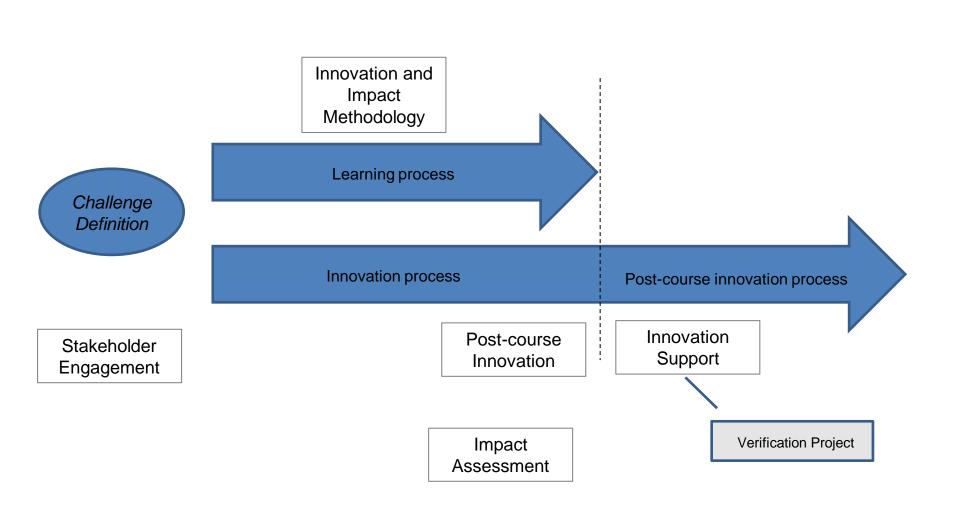


Assessment













- Certified 29 teachers from six schools.
 FIT, SIMS, SI, SHSS, SBS and SLS.
- In 2019, 7 CDE course outlines have been developed for use in April Semester
- Certified 15 student to CDE learning ambassadors
- Hydroponics project on urban food security



Hydroponics project

- Hybrid of two CDE projects on food security.
- Aim is to to set up a self- sustaining hydroponics system in Centre of Hope Kibera to produce enough food for the center and surplus to be sold for income.
- Community learning how to farm using hydroponics; and further implement it in their homes, at a local level.



Project Verification questions

- 1. How to design an economically viable hydroponic system?
- 2. How does a hydroponic system provide value to a rural/slum or urban school?
- 3. What is the hydroponic Innovation Process?



Impact Process

Activities

Actions through which specific outputs are produced, and specific outcomes are achieved



Outputs

The deliverables produced by our activities.



Outcomes

The short and medium-term effects on those we interact with through our activities and our outputs.



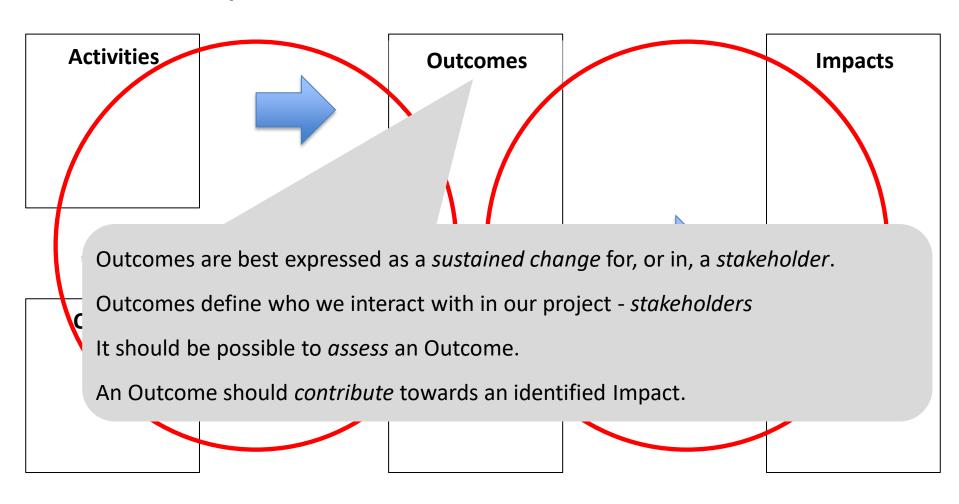
Impacts

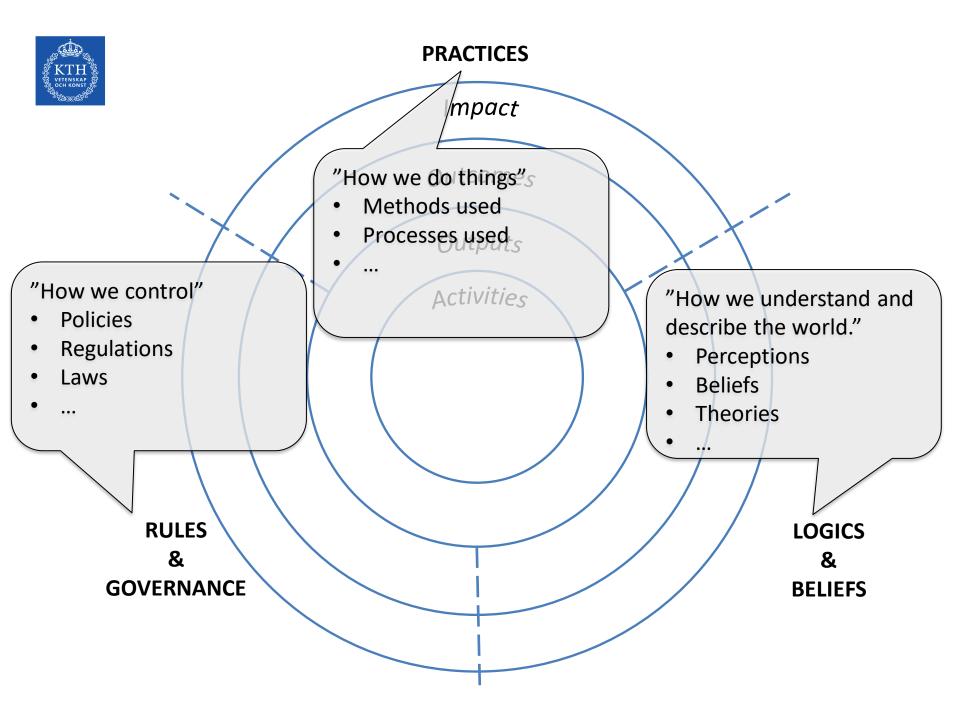
Actual changes in society with broad reach and significance, with respect to economical, social and environmental aspects.



We can plan for this...

...but we can only facilitate this!









- Need to develop an Impact planning and assessment guide.
- Monitoring, evaluating and offering teacher support post training
- Conducting more student training on CDE and appointing more CDE learning ambassadors.

Questions

Reactions

Comments

Feelings

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