# Towards Constructive Alignment of an Inter-Program Challenge Based Learning Course

Ana Valencia | Peter Ruijten-Dodoiu | Isabelle Reymen | Birgit Pepin | Miguel Bruns













# Challenge based learning

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- Key characteristics
  - Interdisciplinary approach
  - Societally relevant challenges
  - Collaborate with multiple stakeholders



## Challenge based learning

- Key characteristics
  - Interdisciplinary approach
  - Societally relevant challenges
  - Collaborate with multiple stakeholders



- Better integration of knowledge and skills
- Experiments underway to understand better
- Best example is ISBEP, an inter-program final BSc project



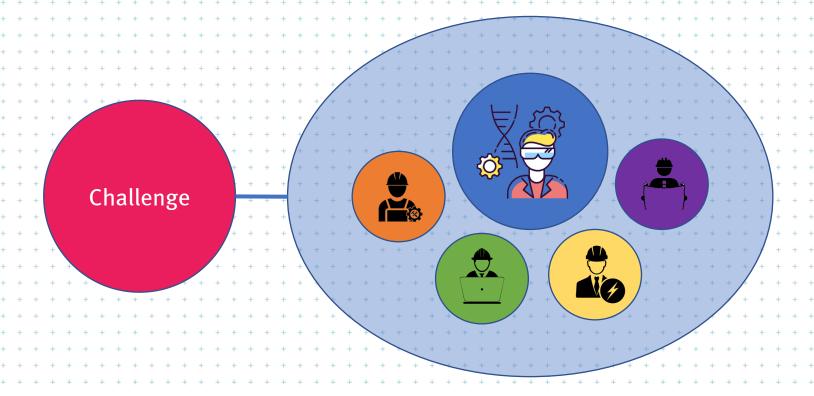


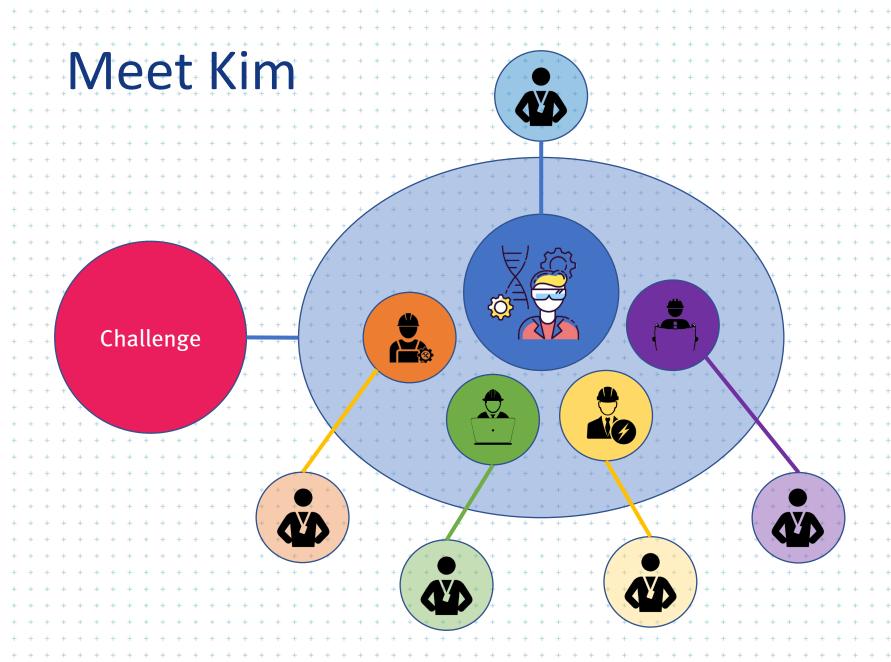


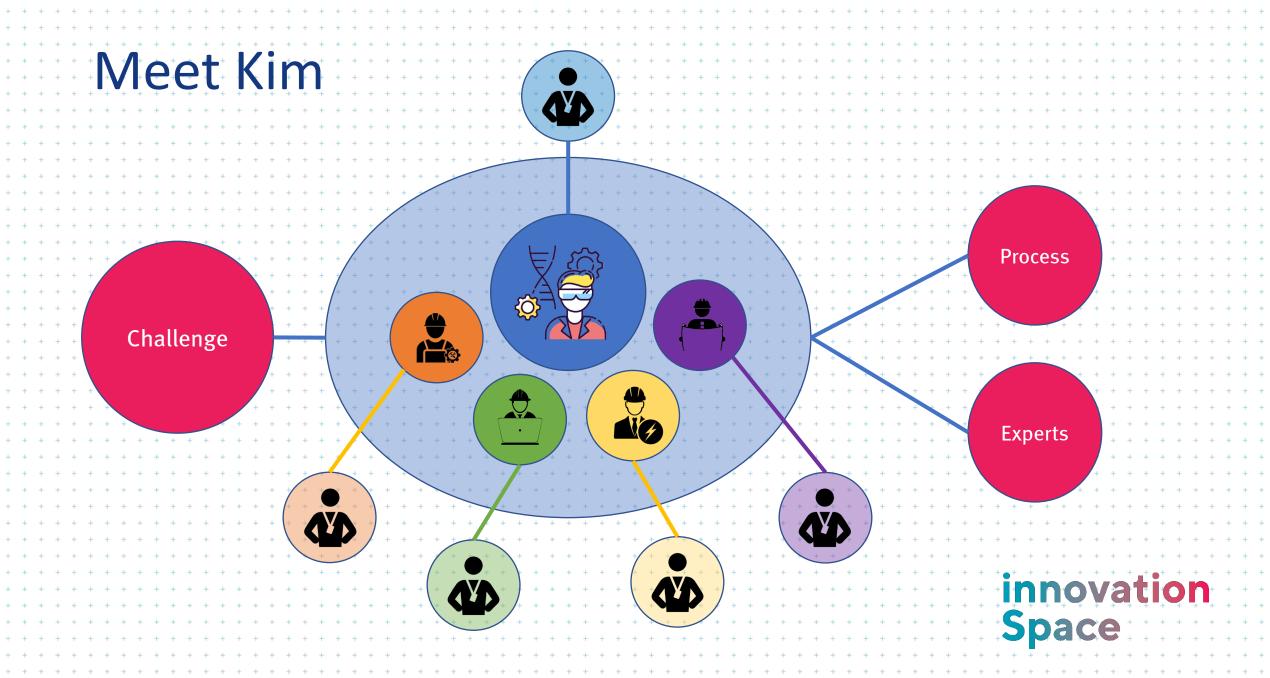












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  - Maintain all stakeholders
  - Commitment and intensive coaching







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  - No unified list of ILOs and criteria/procedures
  - Need for dedicated ILOs that are the same for all



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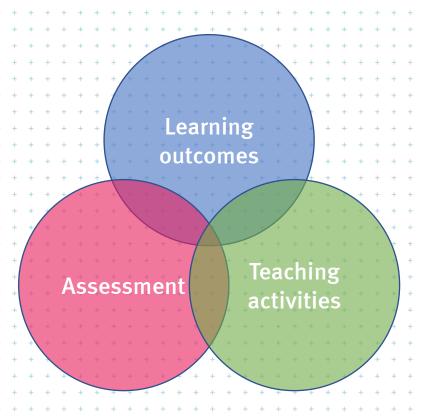


- Clarity of assessment criteria
  - Activities on group outcomes, assessment discipline
  - Need for incorporating professional skills



# Constructive alignment as framework

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Research and design project with three phases



• Research and design project with three phases



- I. Problem explorationLed to identified challenges



Research and design project with three phases



- I. Problem explorationLed to identified challenges



- II. Redesign ISBEP
  - Co-creation approach with experts
  - Outcome should be assessment plan

innovation

Research and design project with three phases



- I. Problem explorationLed to identified challenges



- II. Redesign ISBEP
  - Co-creation approach with experts
  - Outcome should be assessment plan



- III. Implement and evaluate
  - Insights for practitioners in higher education



## Let's keep in touch!

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