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Producing and running a MOOC for the first time

Evaluation from the instructors' perspective

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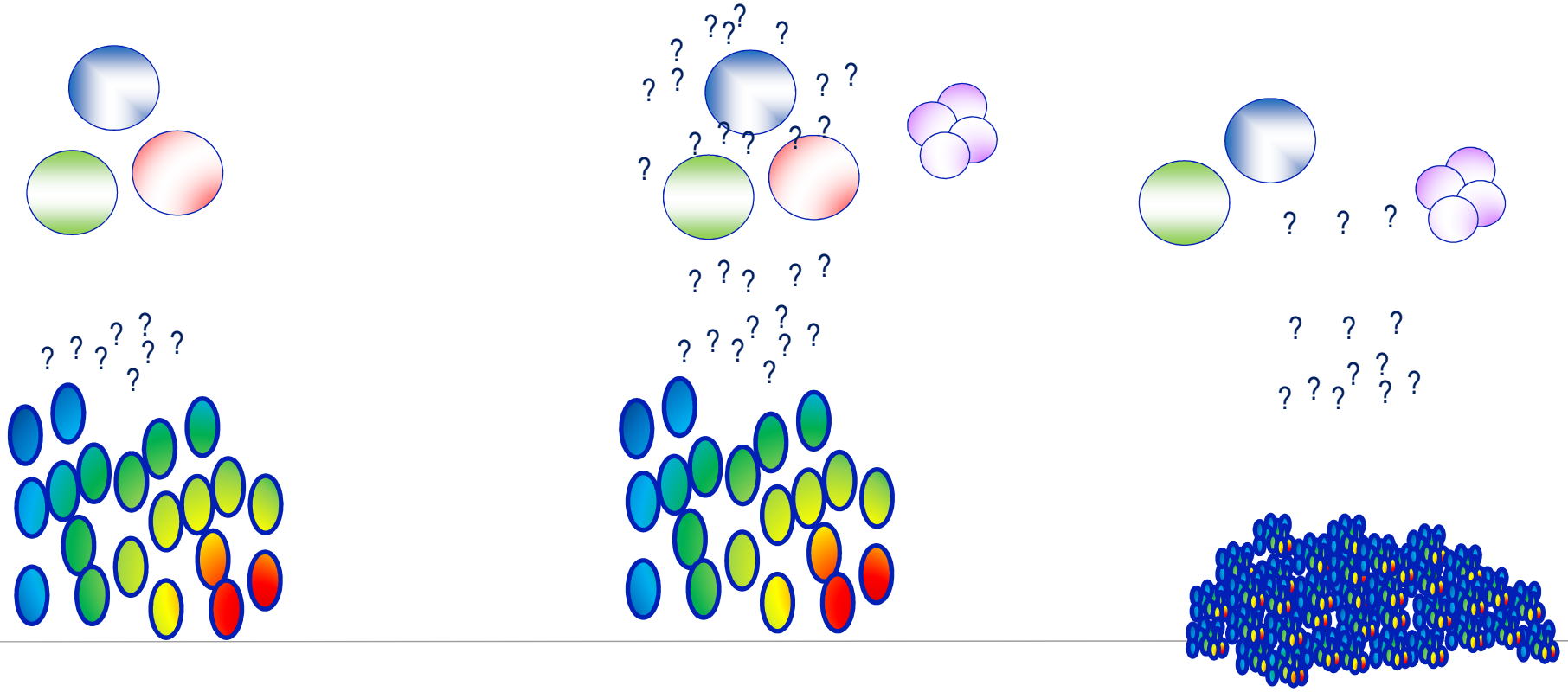
Outline

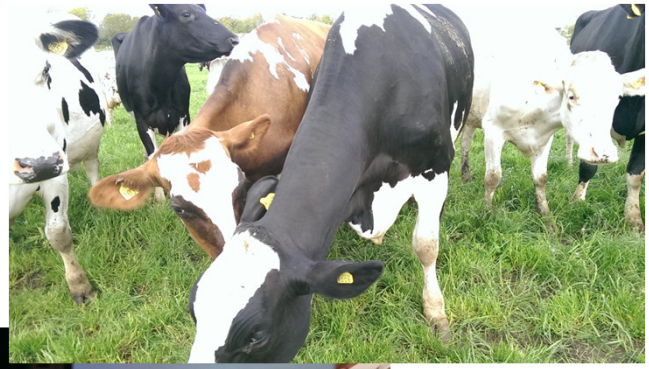
- Examples of experiences
- What is the SiEL MOOC?
- "MOOC processes" and roles of the teacher/instructor
- Change in roles over time
- Conclusion

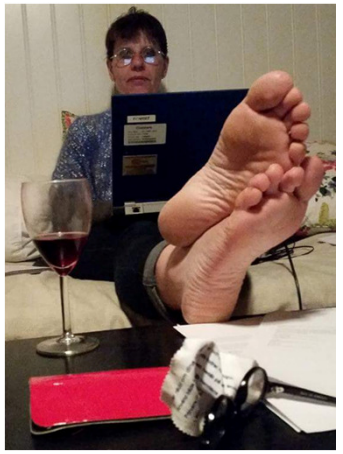
Complicated to complex and back to complicated



Production

How to write a mini-lecture
- 700 words
- 5-7 min
- Talk to the MOOCy
- Only pictures

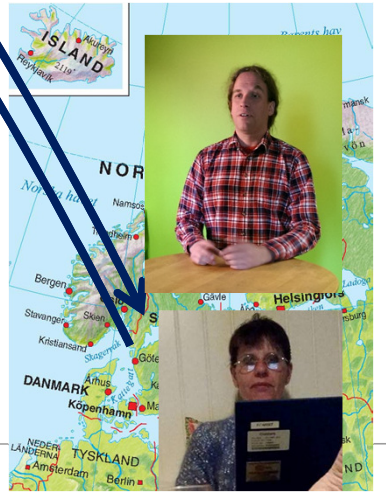




Energy and week 0

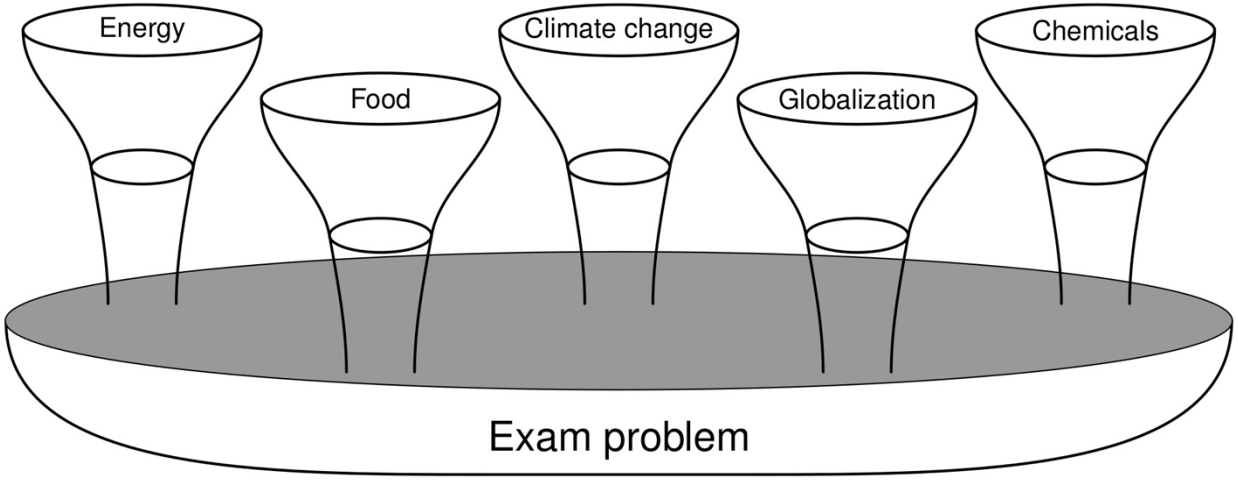
Which forms of carbon are availible to plants?
(Find the correct answer!)

- Carbon dixide and carbonate
- Coal and diamond
- Methane and carbon dioxide
- Only Carbon dioxide



Short overlook of the SiEL MOOC

- SiEL = Sustainability in Everyday Life
- Five topics → chemicals, climate, energy, food, globalization
- Design



Short literature review

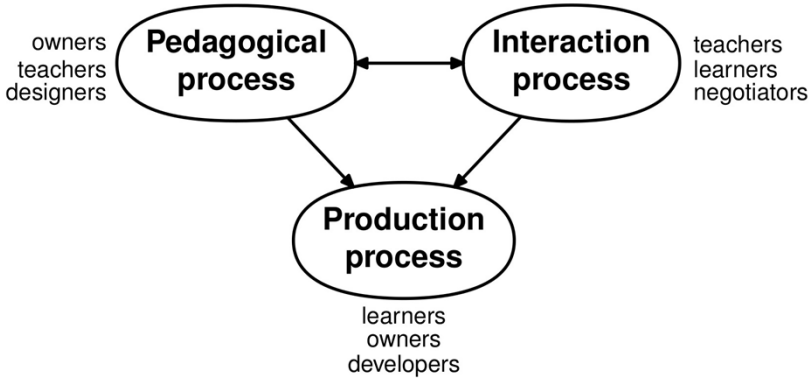
- Surge in number of MOOCs → Increased scrutiny (Kolowich, 2013; Kellogg, 2013; Margaryan et al., 2015)
- Less focus on the role of the teachers and their motivations
  - Teacher's experience and identity may determine the success of MOOCs (Ross et al., 2014)
  - Experimentation, professional development (Stöhr et al., 2015)
  - Roles during design and early development (Janssen et al., 2016)
- Action research into MOOCs → Design process, participant engagement and experiences (Vivian et al., 2014)

Research method

- Action research approach
  - Grounded in experience, action-oriented and participative (Reason & Bradbury, 2001)
  - Participant observers, collaborative team involved in reasoning, action formulation, and action taking (Baskerville and Myers, 2004)
  - Applied in Janssen et al. (2016) to explore roles of teachers in early design and development of the SiEL MOOC
- Goal in this paper
  - How have our roles changed during the further development and running of the SiEL MOOC?

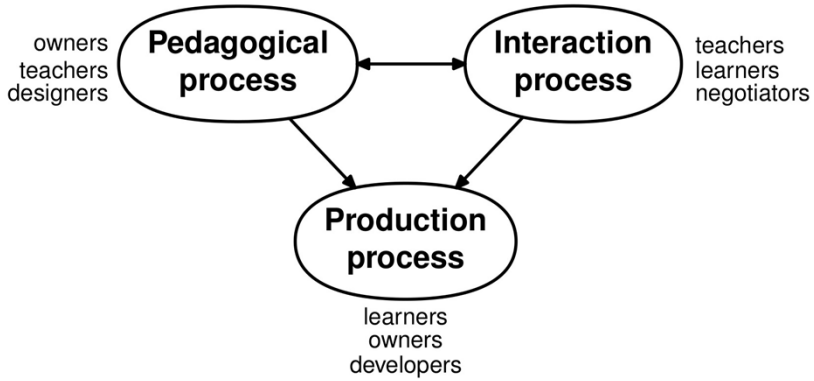
Our roles during design and early development

- Three processes and six different roles were identified (Janssen et al., 2016)
- Roles and processes are closely linked
- Assumed roles and ability to switch have been instrumental
- Sense of ownership was a strong driver



Our roles during further development and running the MOOC

- Agility became key → Interaction more important
  - Facilitators
  - Problem solvers
- Teacher role changed → Focus from colleagues to MOOCies
  - Discussion forum
  - Update videos



Conclusion

- Action research approach
  - MOOCs
  - Roles of teachers
- Different roles in different processes, roles change over time
- Personal notes
  - You learn a lot
  - Keep things complicated, not complex

Thank you for your attention!

Any questions?

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