

16-3-2021 Knowledge Structures

1. The motivations and case stories.
Boudewijn Piscaer
2. GLOBE consensus-plus.
Michiel Havro Faber, Aalborg
3. Sustainability lessons learnt from the future.

Interactive global Edutainment module:

Introduction:

“From well-trained dogs to conscious decision makers – how engineering education has to change”, Wolfram Schmidt, Bundesanstalt für Materialforschung und -prüfung, Germany

Case-Study:

“How the TUMsania student project created long-term Education, Engineering and International Networking opportunities”, Mareike Thiedeitz, TU München, Germany

Spotlight on urban challenges:

„The Star Kids Initiative in Mukuru Estates Nairobi”, Esther Kamaara, Star Kids Initiative

Spotlight on rural challenges:

„The Forward Step Organisation in Bagamoyo”, Faudhia Zando and Vincent Ssekamatte, Forward Step Organisation, Tanzania

Report:

“Lessons from the future – sustainability in construction from children’s perspectives”, Star Kids and Forward Step Girls

Interactivity:

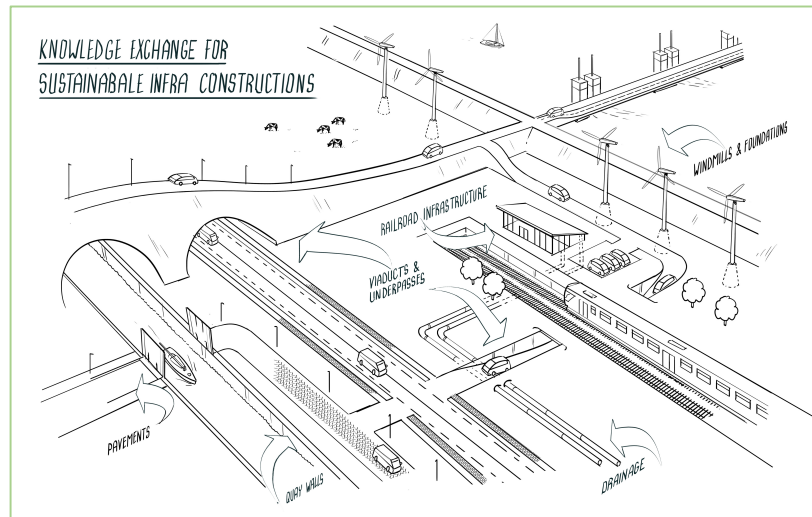
Open Q & A with Star Kids and girls of FSO

4. European Commission JRC Competence Centre Technology Transfer, Alessandro Fasio, Brussels
5. Betonakkoord Day-time Professional Education plans. Jaqueline Cramer, Amsterdam

Knowledge transfer for sustainable infra constructions

Webinar program, **MARCH 16, 17, 18** from 15 to 17.00 h.
Accelerating Sustainable Construction Materials Application Event V

“The Economist” of January 2nd published an article about Investing in INFRASTRUCTURES telling “Infrastructure is one of the last **local industries** left where easy gains are still to be had by copying others around the world. If you **benchmark public investment** in over 100 countries, adopting best practice could make spending **33% more efficient**”. How do you combine global knowledge for inspiration with the local obligation to use regional material and human resources? How do we attract and prepare students for the necessary changes in constructions, provide them Best Practices and guide science to State of the Art?



Please register your participation at the webinars with
martin@sustcon.org

17-3-2021 Technologies & Practices

1. Permeable Pavements. Wijtze Boomsma, Aquaflow, Netherlands
2. Down the tube? Binding concrete and customers. Anja Buchwalt/Guillaume Doudart de la Gree, ASCEM, Netherlands
3. Steel & Corrosion free infra materials, Claudio Subacchi, FSC Tech, Italy
4. Sidewalks using recycled glass. Arezki Tagnit Hamou, Sherbrooke, Canada
5. Recycled plastic pavers, Nzambi Matee, Gjenge Makers, Kenya. (requested by WS)
6. Modular Portland cement and steel free bicycle bridges. Boudewijn Piscaer
7. Ligno for road base and asphalt. (requested)

18-3-2021 Education Reflections

1. From Higher towards Knowledge, Skills & Attitude Education
2. Best Practice & pilot projects data bank (GLOBE and/or Pantheon Performance Foundation?)
3. Edutainment. Re-introducing the fun factor. Follow up from concrete canoes to new engineering competitions for sustainable constructions. A more detailed ambitious plan will be presented prior to the webinars.
4. Panel discussion on formal professional educations and trainings



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