Lahti University of Applied Sciences -

Ishizaka co-operation seminar 7th of November, 2017

A key player in environmental education and expertise













From the great history to an even brighter future https://www.voutube.com/watch?v=38r2HEe2-HA

Connections with companies

 Companies located at the campus enhance efficient student interaction with working life. Currently there are approximately 70 companies at the NiemiCampus, unique solution attracts more and more companies.

Modern spaces and facilities

 Modern spaces and modern educational technologies



Unity

 All faculties will be functioning under the same roof, which strengthens unity and fellowship

Multidisciplinary and multiactor

 Cooperation between Lahti UAS faculties and with the University of Helsinki and Lappeenranta University of Technology





Campus Furniture Projects: en example of a company project

WHO? Students from Furniture

Design / Lahti UAS Institute

of Design

WHAT? New consepts and furnitures

for all the spaces at the new

campus

HOW? Long term students driven

> design hand picked ones manufactured by Isku-Group

Need for new solutions for the WHY?

> learning environments and showing the know-how of the students at the new campus

WHAT New products for the open ELSE?

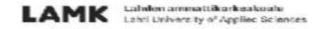
markets, succes stories for the

students







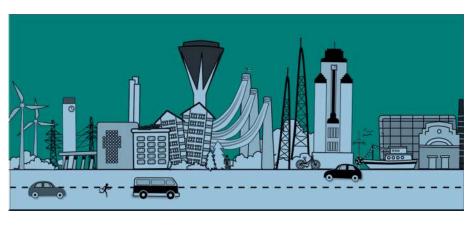




- How "Not In My Neighborhood" turned to "Be In My Neighborhood"
- Ishizaka's operational model: one price to all customers big or small
- staff training & capacity building



LAMK



- Co-operation and codevelopment of Lahti City & Lahti University of Applied Sciences & Lahti Region & Local Companies in environmental
 - education
 - research & development & innovations
 - business

LAMK

- Ishizaka as a waste
 management company knows
 Asian market, legistlation and
 has unique model to provide
- Lahti UAS as a university has experitise in co-development of new solutions, education and research process



Education for sustainable development

- Students learn sustainability in practice when doing projects to companies, to Lahti City or working in external funded development projects
- Students
 - develope new solutions
 - create new business ideas
 - communicate with residents
 - make information visual and easy to understand
- Sustainability education is integrated into professional studies
- This approach gives an opportunity to co operation





How to improve energy efficiency of lighting of an industry building

https://www.youtube.com/watch?v=Bok5kKoNKCE&feature=youtu.be

How to produce heat energy from horse manure

https://www.youtube.com/watch?v=70T08q6oSwY

Information about electric cars

https://www.youtube.com/watch?v=lUiJ0jQWi-l

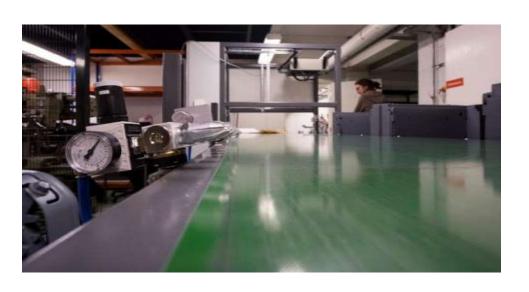




LAMK

New business from discarded textiles? From grazy ideas to a new innovation

https://www.youtube.com/watch?v=
gQs89u4APbQ







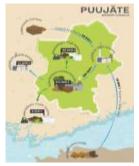


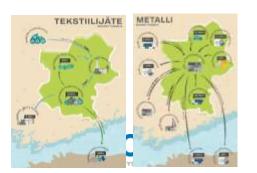


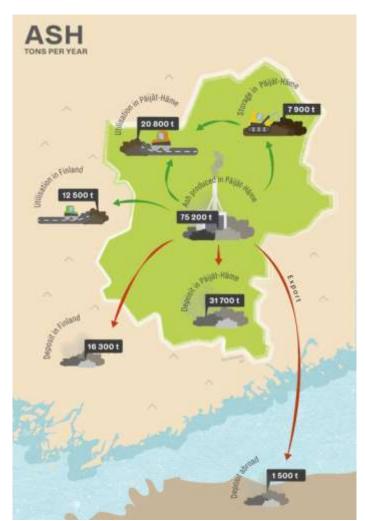
Establishment of a Circular Material Library to promote circular economy through product design and new industrial symbiosis











- Producers: cities / municipalities
- About 75 000 metric tons / year
- Approximately 55 % is reused
- For land construction
- As fertilizer (about 1000 metric tons)
- New opportunities: road construction, soil and treatment methods, digitalization







Thank you!

Wellcome to Lahti!

Silja Kostia, Dean, Faculty of Technology silja.kostia@lamk.fi











