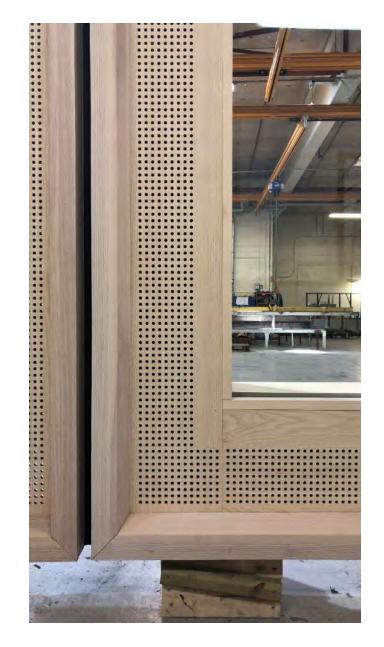
Outcome on KPIs and awards

New window DFD and acoustic absorptions integrated

Higher performance, less materials and reduced construction cost

New software in virtual acoustics simulation





Aarhus, Denmark

Frederiksbjerg School

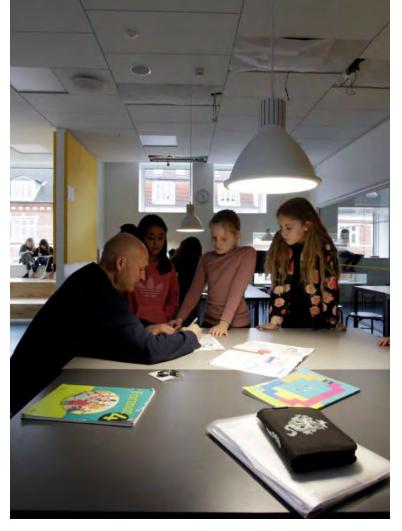
















New Research in Light, Acoustics and Learning







Experimenting with mood lighting

Normal Ambient Lighting





Experiment Focused lighting

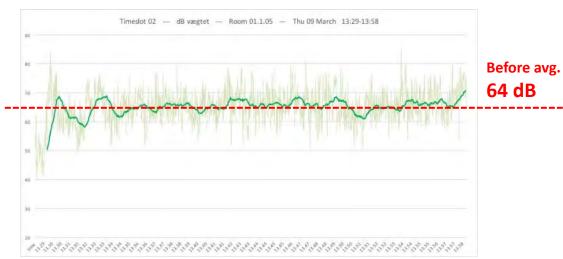




Experimenting with mood lighting

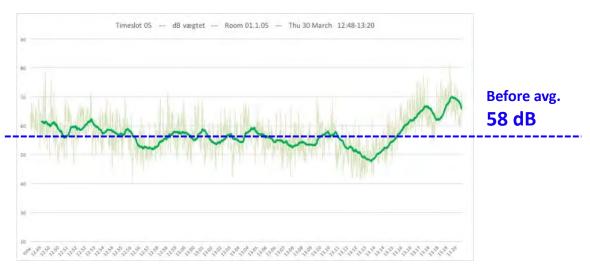
Normal Ambient Lighting





Experiment Focused lighting





Aarhus, Denmark

Outcome on KPIs and awards

Calm for students

More comfortable

Lowered electricity use (35% reduction)

Less noise, on average - 8 dB(A)



From research to design to innovation

Research in focused light





Design of new lamp





Co-creating with bio-tech startup



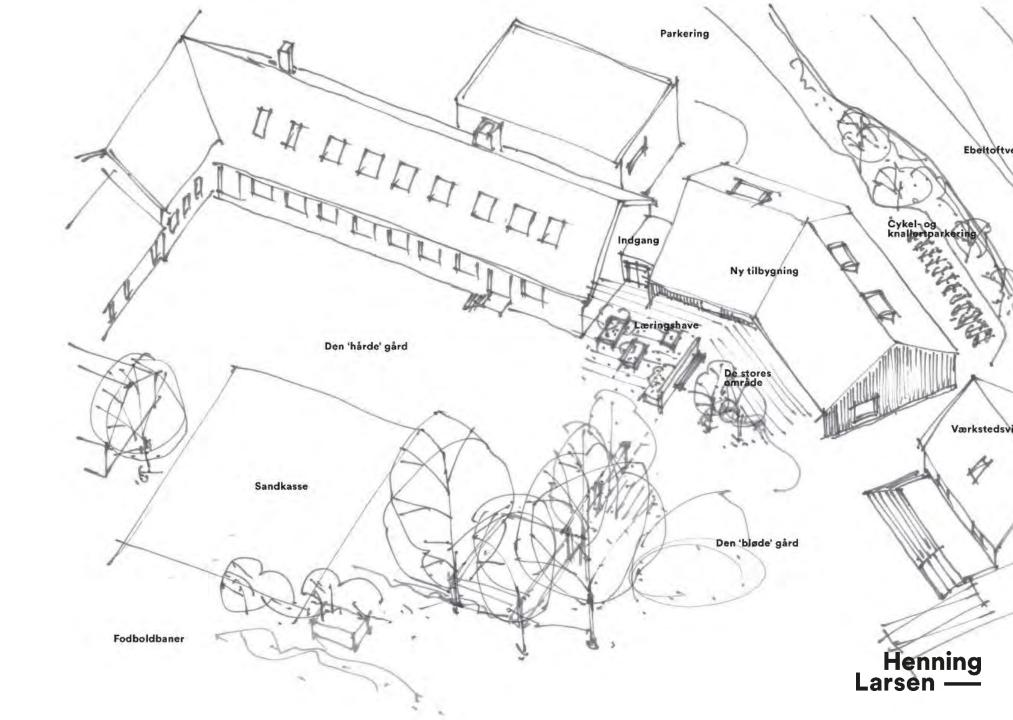


Feldballe School

Location Djursland, DK

Gross floor area 250 sqm

Status Under opførelse



You are what you eat

The Henning Larsen Material pyramid is a way to show the environmental impact associated with the production of materials



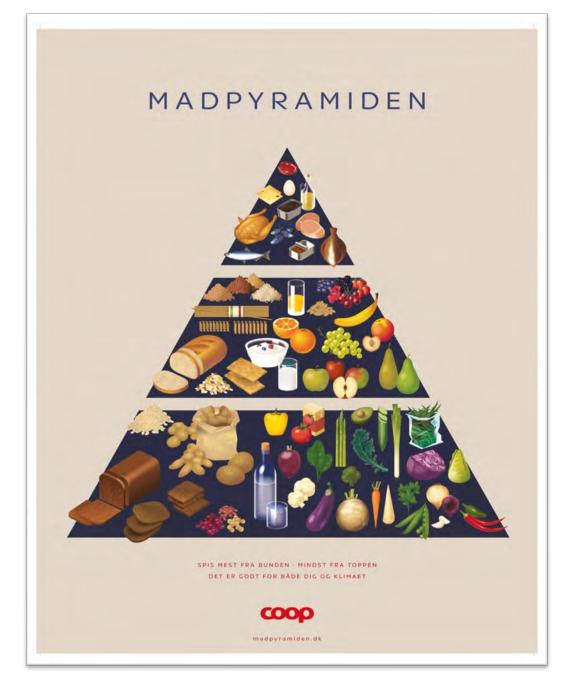
Pelle Munch-Petersen
PhD. Stud. Facade Design,
Architects

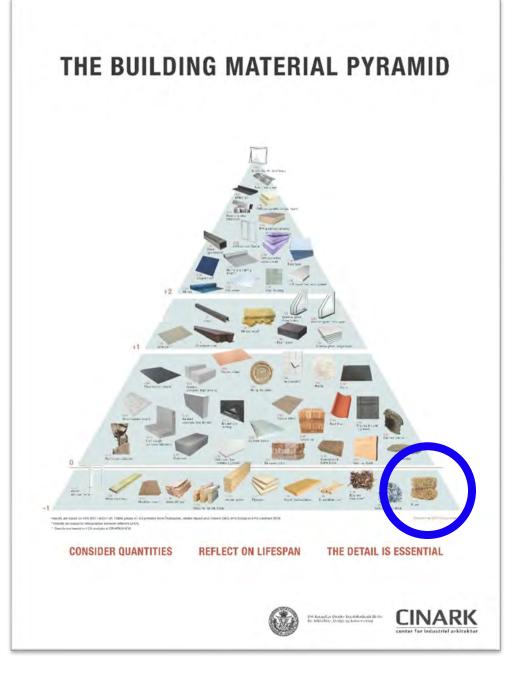


Results are based on EPD (ISO 14025 / EN 15804) phase A1-A3 primarily from Ökobaudat, Institut Bauen und Umwelt (IBU), EPD-Norge or EPD-Danmark 2019.

^{*} Results are based on interpolation between different EPD's.

^{**} Results are based on LCA analysis at CINARK/KADK.









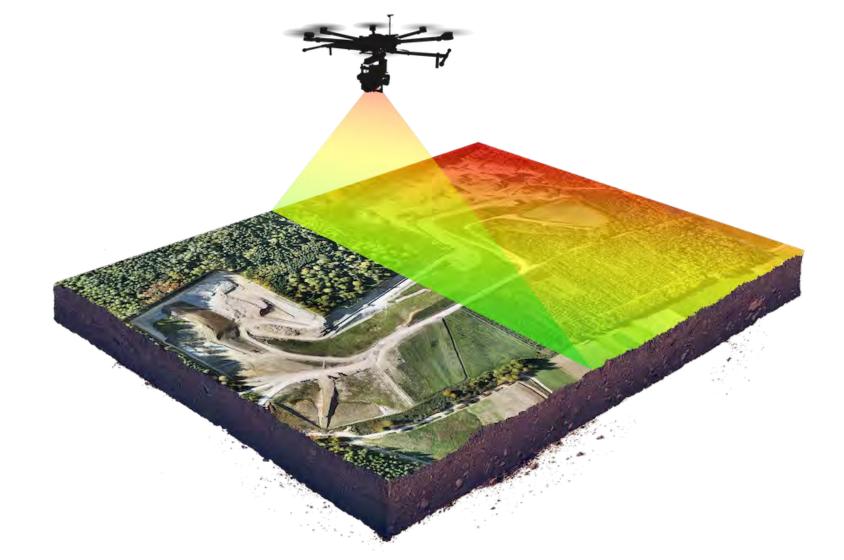


















How smart mobility will shape urban form?

A joint Henning Larsen/Rambøll innovation project

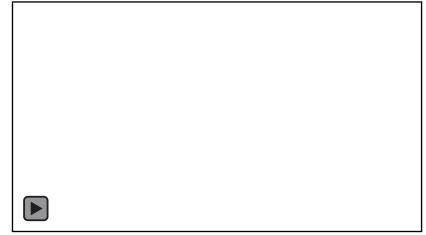
Sofia Lundeholm



Jukka-Pekka Pitkänen



Supported by the Ramboll Foundation



Del











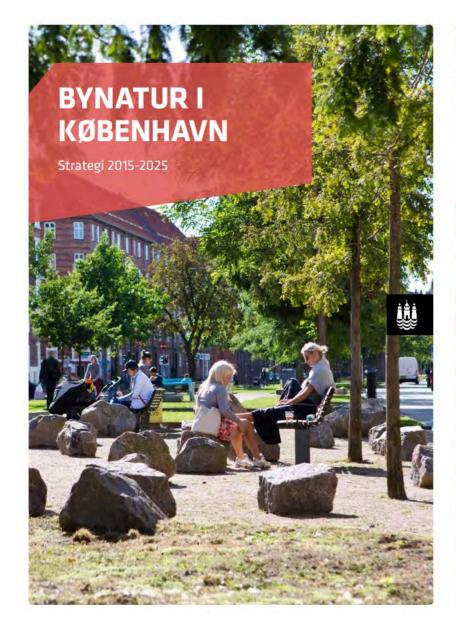
DATO 14. sep 2020

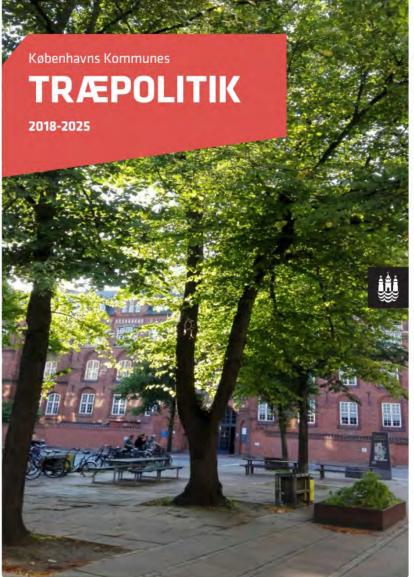
PFA skyder nybyggeri i gang med nyt navn - Nordø erstatter navnet Redmolen

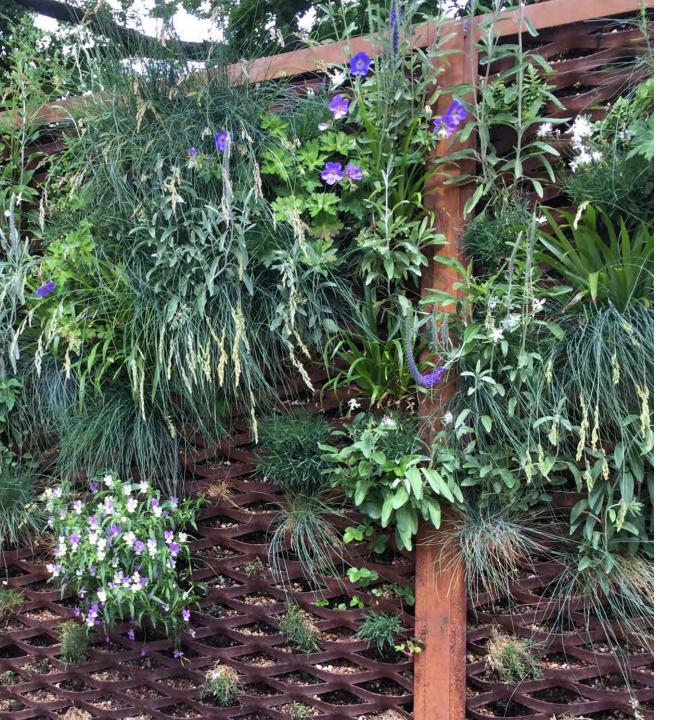


Illustration: Dimension Design

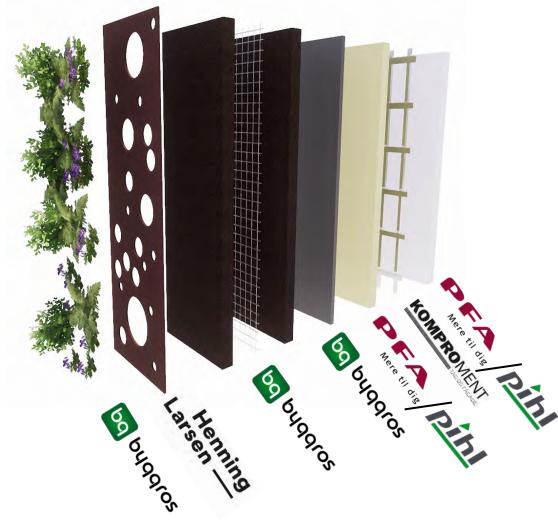












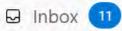












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My communities

R&D (Research ...

All Company 4

Copenhagen...

Great news from HL R&D!

Search

Yesterday we received the news that we got funding (4.8 mio. dkk) for a 1:1 scale research project in a new type of green facade.

Traditional green facades is something you hang up on the facades. Basically you have two systems; one for the building and one for the green facade. We want to develop a new type that integrate building envelope and green facade in one system. The goal is to minimize the use of materials (carbon footprint) and at the same time keep the bene... see more







Search Filter

Research & Insight Projects

A selection of research and Insight projects that expand the realm of architecture through new knowledge and groundbreaking insight.







REBUS



Green Facades



Humanizing the Urban
Experience
A Future Thinking Study on New Mobility





Data Driven Architectural
Design
Designing for social interactions

The Possibilities of 3D Printing Concrete

...It all begins with curiosity