

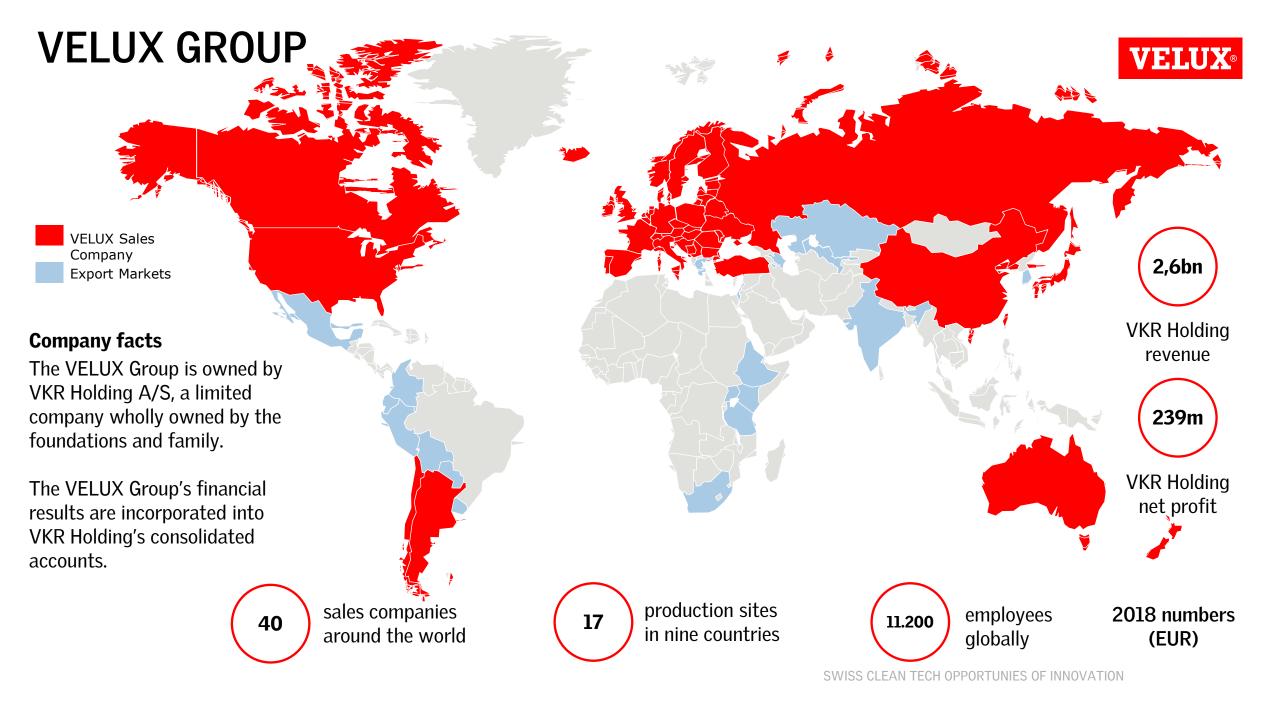


OPPORTUNITY FOR INNOVATION

SWISS CLEANTECH ANNUAL EVENT 2020

LONE FEIFER, ARCHITECT MAA AND MASTER OF ENERGY & GREEN ARCHITECTURE

- DIRECTOR SUSTAINABILITY & ARCHITECTURE VELUX GROUP
- GENERAL SECRETARY, ACTIVE HOUSE ALLIANCE



Our ownership model







Philanthropic activities



Invests in daylight, fresh air and better environment.

Parent company of the VKR Group which altogether employs about 16,000 people in more than 40 countries.

Revenue

Family shareholders

VILLUM FONDEN

Revenue

Owns more than 80% of the shares in VKR Holding and receives app. 90% of the total annual revenue



Return on investments

VELUX FONDEN

Transfer



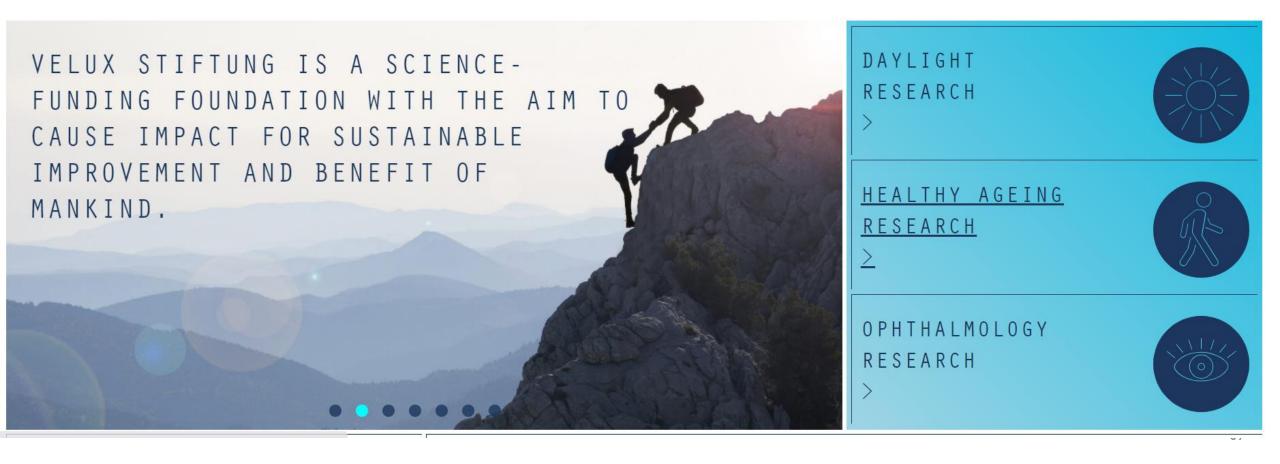
Return on investments

Swiss Clean Tech Opportunies of Innovation



FUNDING AREAS APPLICATIONS OWN PROJECTS IMPACT

FOUNDATION









PRINCIPAL INVESTIGATOR:

Professor Dr. Jean-Louis Scartezzini, Solar Energy and Building Physics Laboratory, EPFL, Switzerland

POSTDOCTORAL FELLOW:

Dr. Mirjam Münch, Group Sleep Research & Clinical Chronobiology, Charité University Medicine, Berlin, Germany

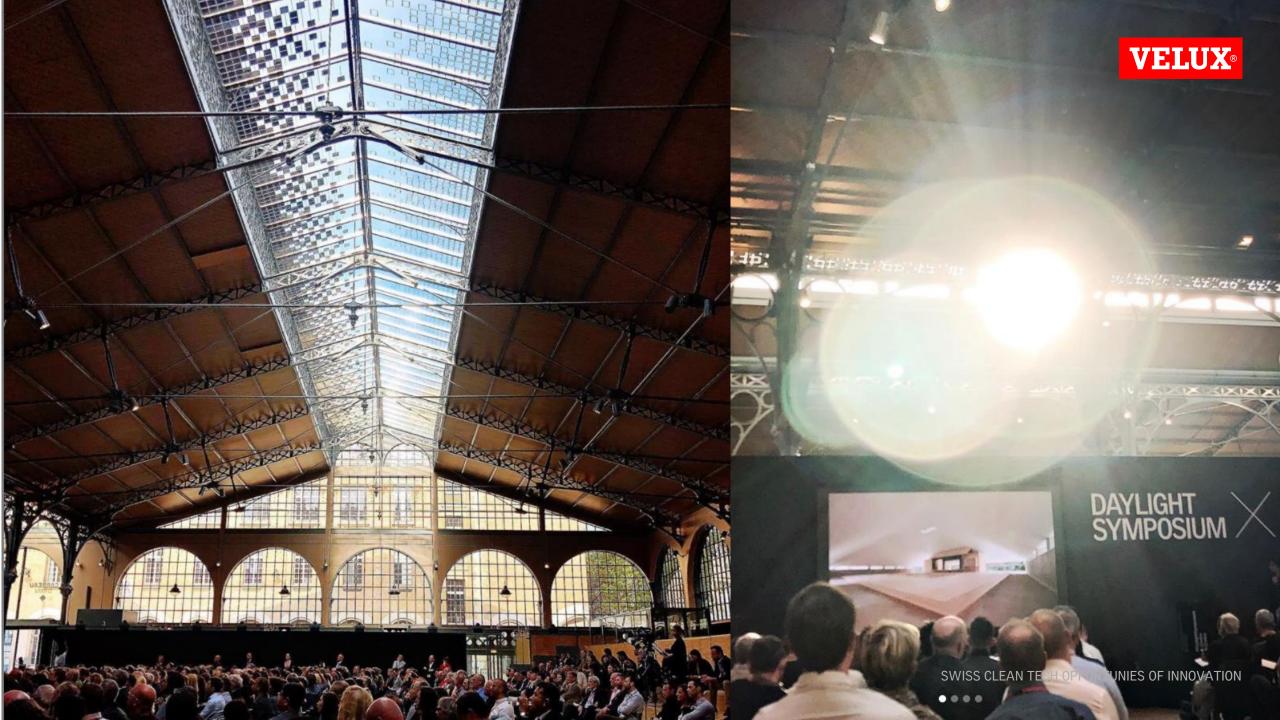
BUDGET: CHF 1'180'000

DURATION: 6 years (2009-2013 & 2014-2015)

DAYLIGHT & PERCEPTION FELLOWSHIP

Light is important for many biological functions beyond vision. Strong evidence has emerged that light quality can impact health and well-being. It regulates the daily synchronization of the biological clock. Since we spend most of our time inside buildings, potential chronobiologic implications for architectural design have led to the idea of a joint research project between these disciplines.

The innovative objective of this fellowship and the connected interdisciplinary projects was to integrate neurosciences into the design and development process as well as into the theoretical background of future architectural designs, especially with respect to daylight distribution in buildings. Such a goal can only be achieved by forming a close interdisciplinary collaboration between specialized disciplines.





Grant areas

EUR 118_m

THE VELUX FOUNDATIONS

VILLUM FONDEN 38 VELUX FONDEN

Culture and society



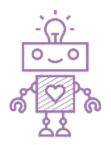
EUR 10.6m

Research



EUR 57.8m

Children, youth and science



EUR 2.9m

Environment



EUR 20.8m

Social projects



EUR 22.5m

Active senior citizens



EUR 2.9m

Awards



EUR 0.8m











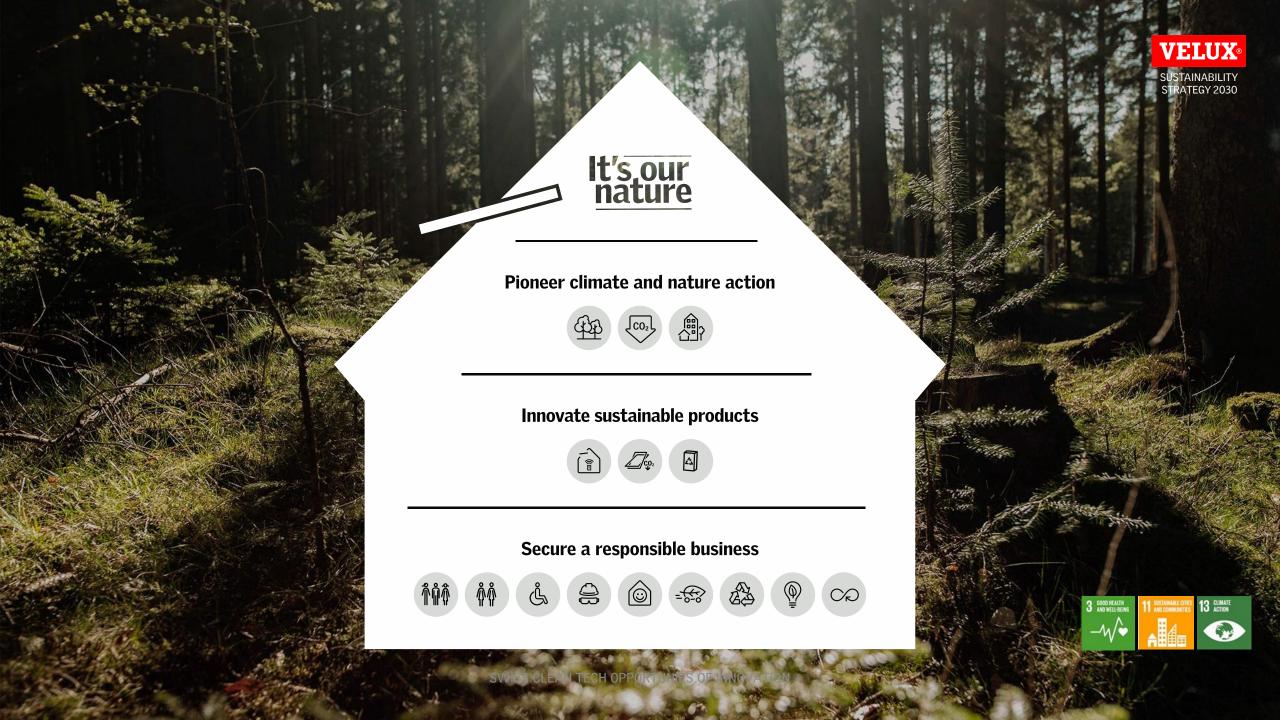




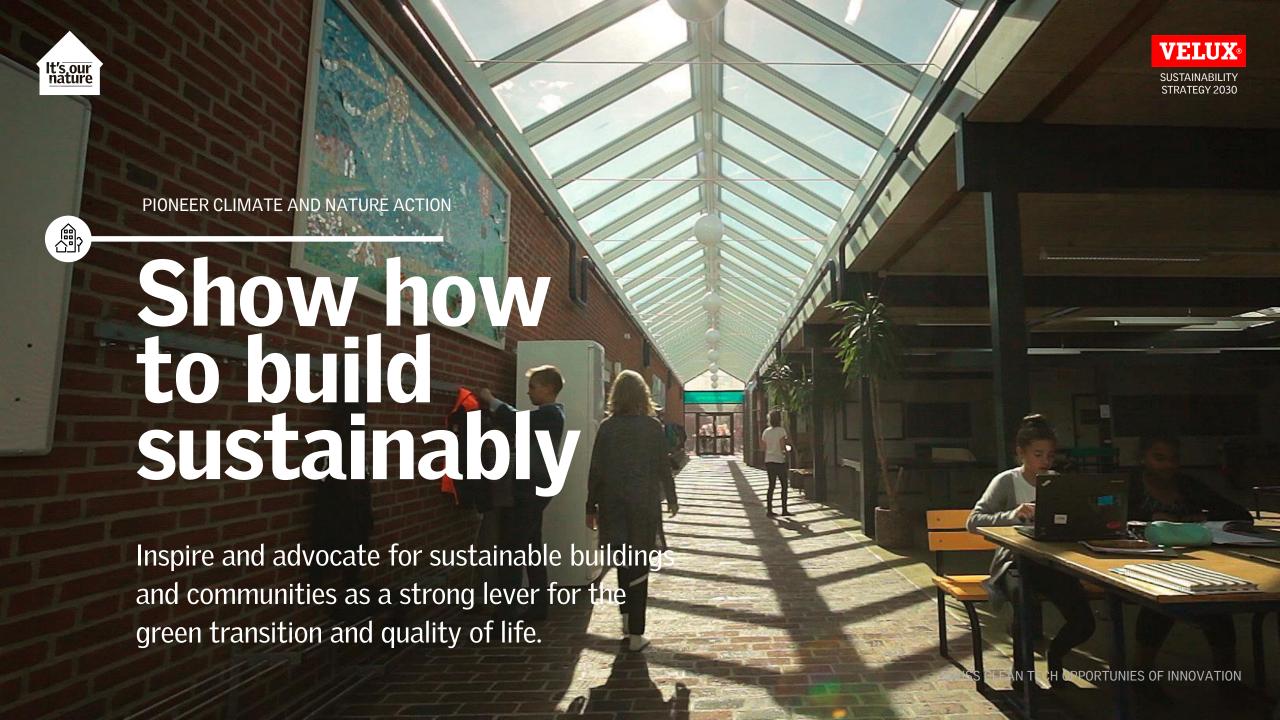


Business as unusual

Transformation ahead.
Business as usual is not enough.
Sustainability is our way of doing business.







LIVING LABS





01 Torzhkovskaya Street

St Petersburg, Russia



02 Soltag Copenhagen, Denmark



03 Átika Bilbao, Spain



04 VELUXIab Milan, Italy



05 VELUX House, COP15 La Rochelle, France



06 Home for Life Aarhus, Denmark



07 Green Lighthouse Copenhagen, Denmark



08 Sunlighthouse Vienna, Austria



09 LichtAktiv Haus Hamburg, Germany



10 Maison Air et Lumière Paris, France



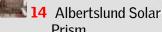
11 CarbonLight Homes Kettering, UK



12 Osram Culture Centre Copenhagen, Denmark



13 Guldberg School Copenhagen, Denmark



Prism Albertslund, Denmark



15 Russian Active House Moscow, Russia



16 Solhuset Hoersholm, Denmark



ISOBO Aktiv Stavanger, Norway



18 Future Active House Trondheim, Norway



19 Smith Residence St. Louis. USA



20 De Poorters Montfoort, the Netherlands



Healthy Home townhouses Stjoerdal, Norway



22 Multi Comfort House Dzerzhinsk, Belarus



Great Gulf Thorold Toronto, Canada



24 Optima House Kiev. Ukraine



Langebjerg School Fredensborg, Denmark



26 Green Solutions House Roenne, Denmark



Solar Decathlon RhOME, Italy



LangFang Office Beijing, China



RenovActive Brussels, Belgium



Centennial Park Toronto, Canada

18

02, 06, 07,

12, 13, 14,

16, 25, 26

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23 30

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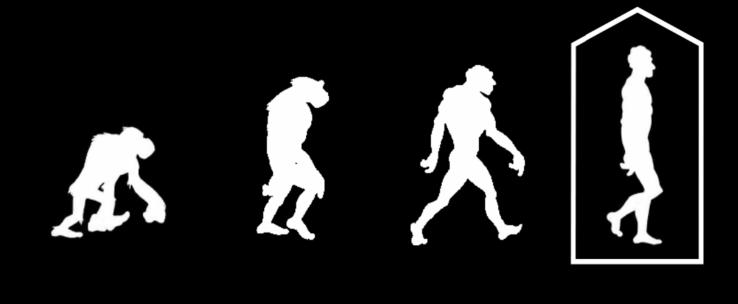
08

PRIORITY # 1

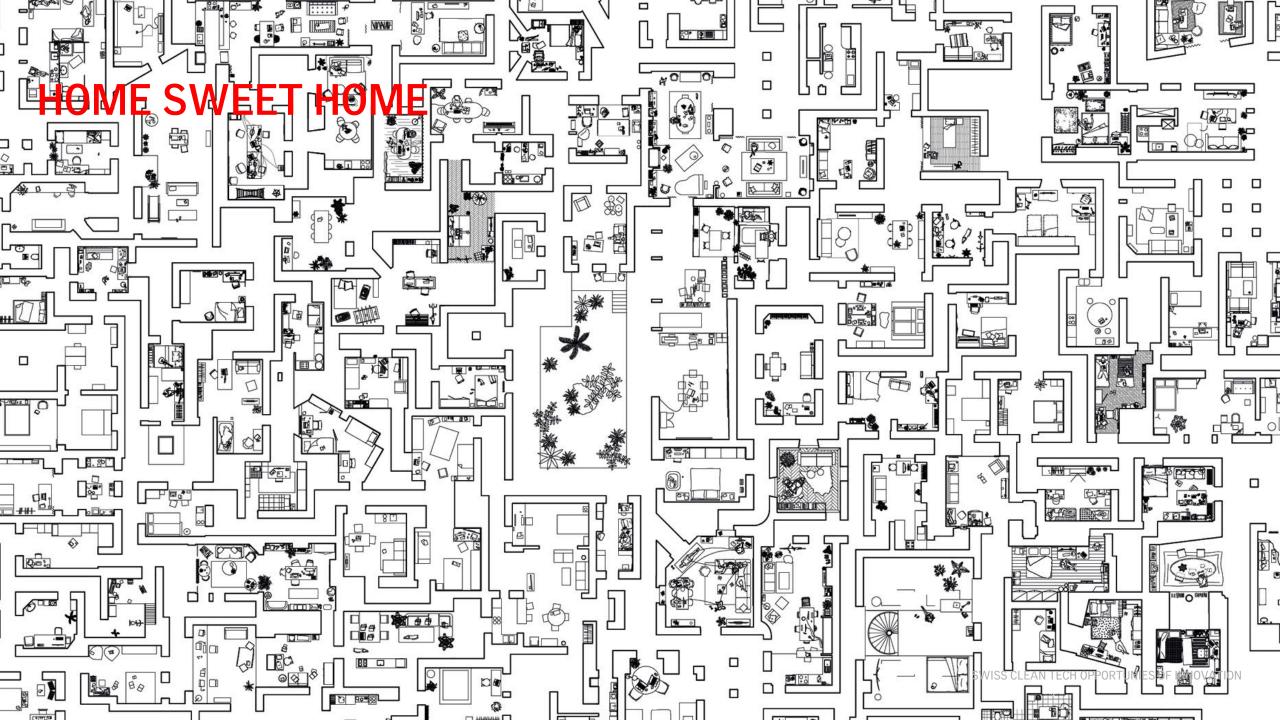


1kg Sitres water

15kg air



THE INDOOR GENERATION







INNOVATE SUSTAINABLE PRODUCTS

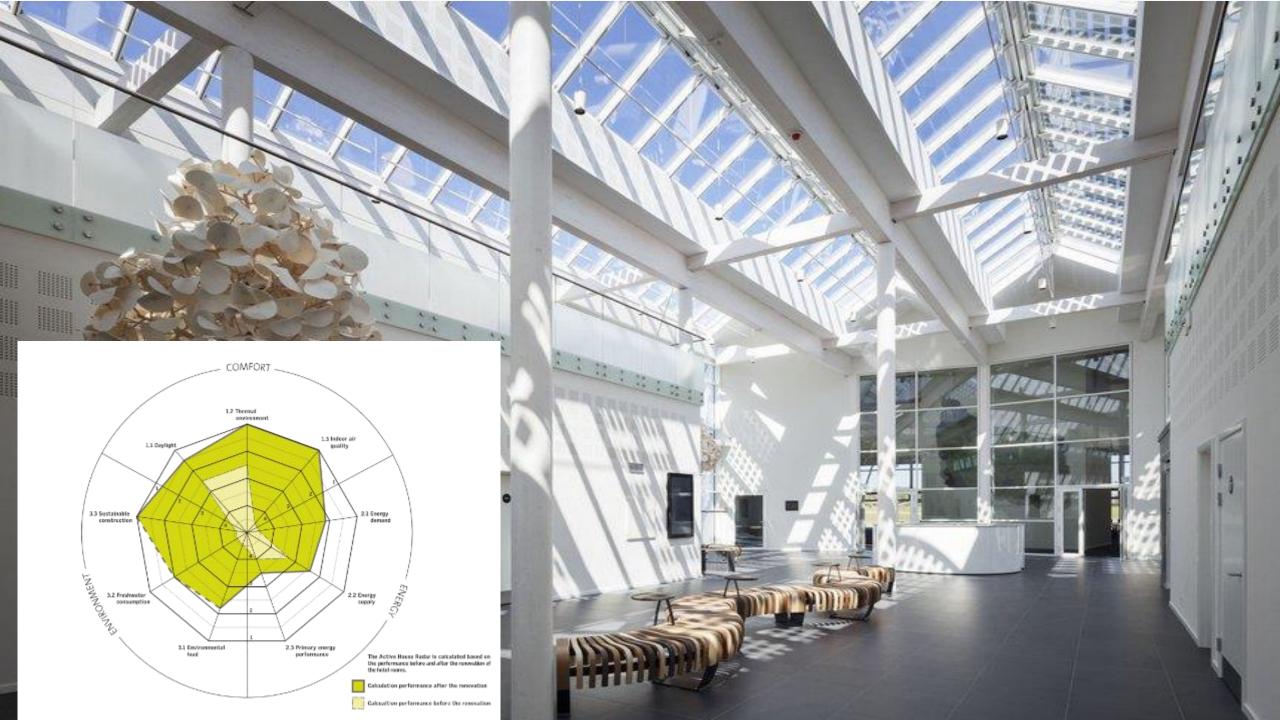


Innovate digital products for sustainable living

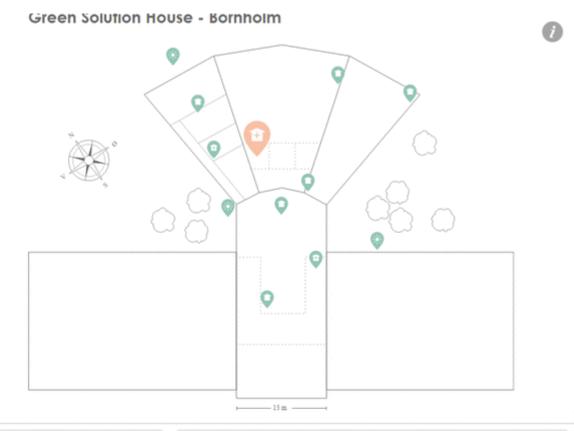
30% of windows with sensor-driven automation to bring daylight and fresh air into buildings.

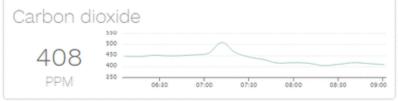


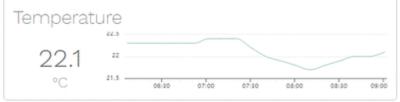


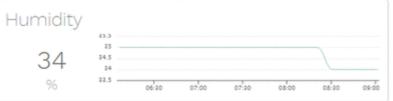




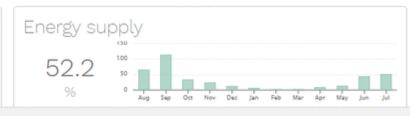










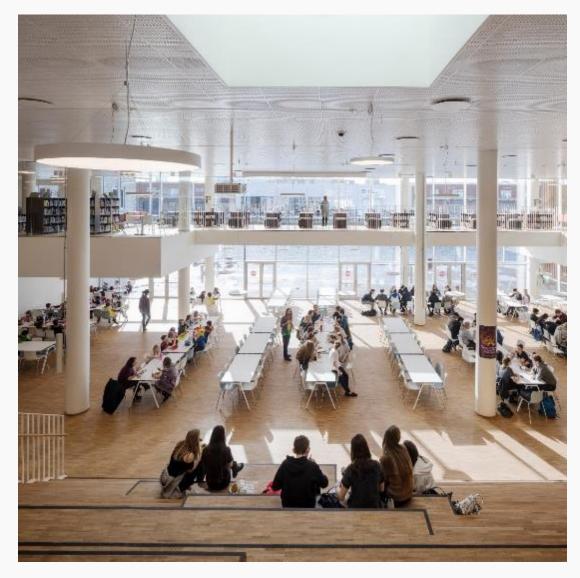




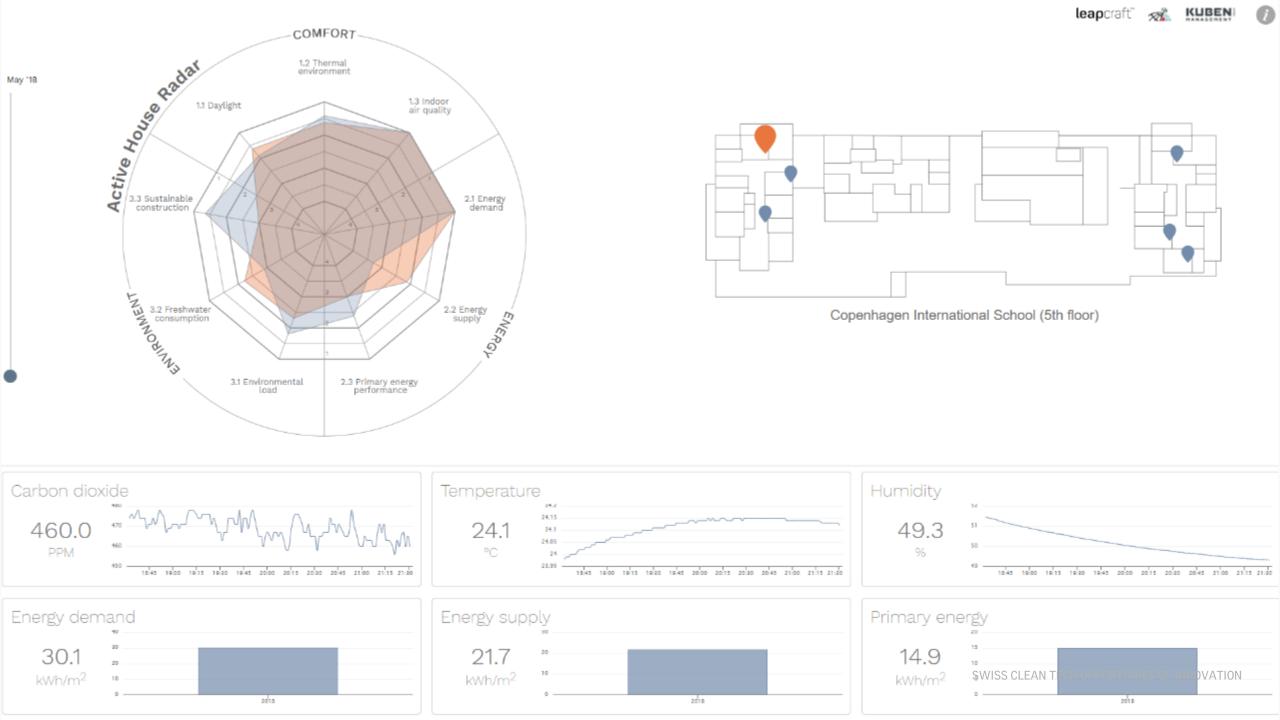
Show all X

COPENHAGEN INTERNATIONAL SCHOOL











SENSEMAKING

Data example CO₂ concentration

DAYS

WEEKS

MONTHS



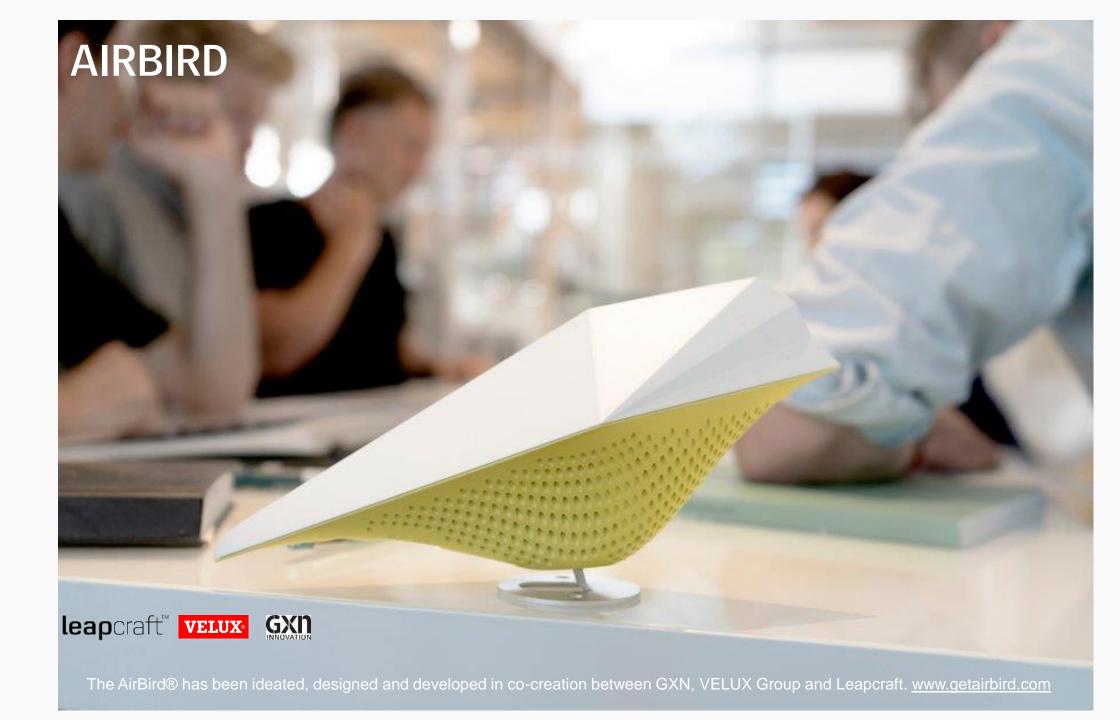
WHAT IF AIR QUALITY HAD A SHAPE?





WHAT IF AIR QUALITY HAD A SHAPE?









Accelerating the development of sustainable cities











Virtually join our next Urbantech Session 2020

LIVE STREAMING HERE

Corporate-Startup Engagement

Urbantech is a non-equity, pilot-focused innovation program hosted in Denmark. The program works in tailored processes with growth stage startups creating solutions in urban technology.

We accelerate pilot projects, sales and high-level corporate engagements during a three month program. We connect startups and corporate companies, so a

























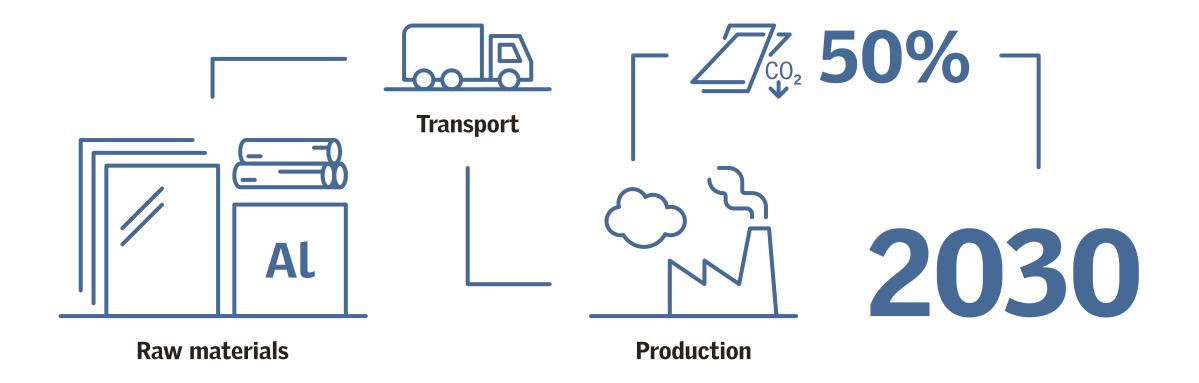








Reduction of Product Carbon Footprint











Becoming Lifetime Carbon Neutral by 2041



Capture our **historical** carbon footprint through forest conservation

VELUX today

Reduce our **future** carbon footprint of our company and value chain





