Danish Solutions for French Buildings – Energy Efficiency and Indoor Environmental Quality

August 27th, 2025
Green Energy Export Day

SYNERGI

Agenda

Welcome and Introduction
Katrine Bjerre, Director, SYNERGI

Insights from Paris
Laura Cassowitz, Sector Lead Energy & Gael Jeanson, Energy and Climate Advisor, Danish Embassy in Paris

Company Case: VELUX
Sune Grollov, Head of Public Affairs Nordics, VELUX

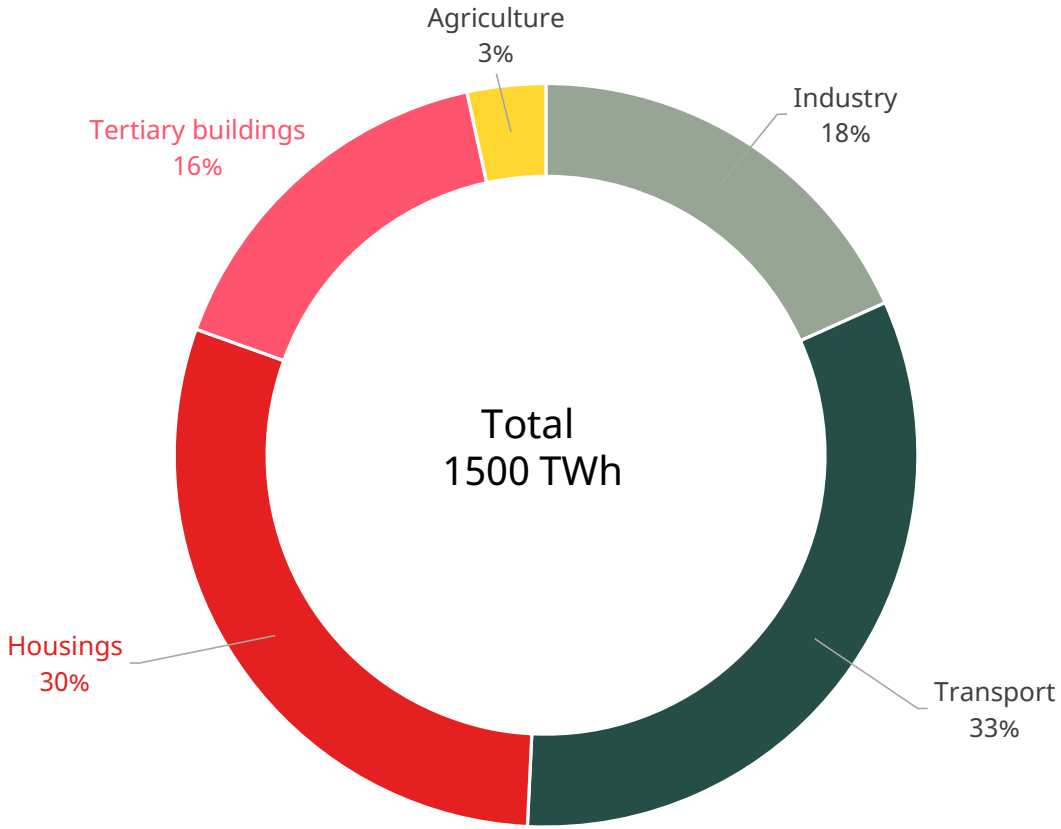
Open Discussion
Interactive session with participants

MINISTRY OF FOREIGN AFFAIRS
OF DENMARK
The Trade Council

Danish Solutions for French Buildings

27.08.2025

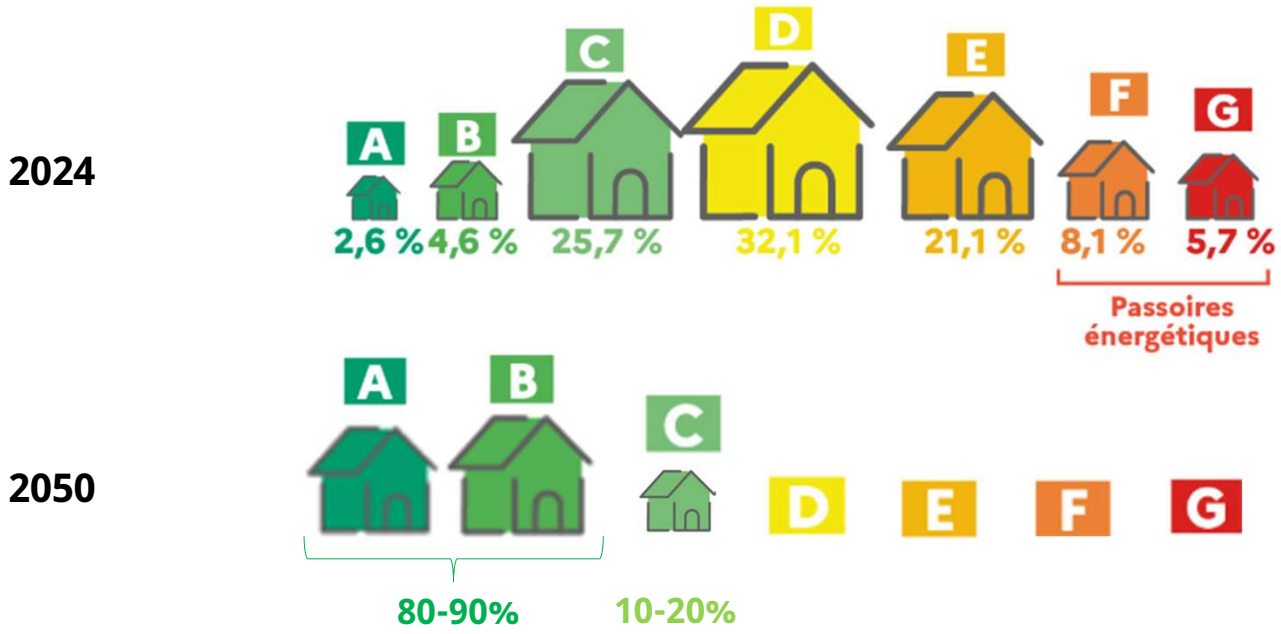
The building sector is the largest energy consumer in France



Final energy consumption 2023 in France

Focus on residential buildings

- 38 million homes in France / 3350 million m2
- Objective: 500’000 renovated buildings/year



FOCUS on tertiary buildings

- 1120 million m2 (about ¼ of the buildings)

2030 - 40% Final energy consumption reduction, compared to 2010

2040 - 50%

2050 - 60%

The construction industry is changing

- Major contributor to the French economy

> 500 000 companies

> 1 500 000 employees

> 380 billion turnover

- Several French construction giants

VINCI

BOUYGUES

EIFFAGE

- Need for new skills and additionnal workforce

3 pillars of the French strategy for buildings

Regulate

- Reduce energy consumption of existing and new buildings
- Ban the least efficient products and systems
- Protect tenants against energy poverty

Inform

- Energy label
- Public Service France Renov'

Support

- MaPrimeRénov'
- White certificates (CEE)
- Investment plans

EPBD Directive in KEY POINTS

Achieving a decarbonized building stock by 2050

For New Buildings

- **Zero-Emission Standard** from 2030 (public buildings from 2028).
- **Life-Cycle Assessment** must be calculated starting in 2026, extending to all new buildings by 2030.
- **Solar-Ready Design** to host photovoltaic or solar thermal installations.

For Existing Buildings

- **Renovation Roadmaps:** Member States are required to develop National Building Renovation Plans (NBRPs) to upgrade their building stock.
- **Phasing Out Fossil Fuel Systems**
- **Indoor Environmental Quality:** The directive includes provisions to ensure it in both new and existing buildings.

EPBD Directive in French law

The revised Directive needs to be transposed into national laws by 29 May 2026.

France is one of the "good student" in Europe

⇒ *Ambitious targets already settled from Climate and energy laws in 2015, 2021 and 2022.*

⇒ *Stability on the amount of renovations realised*

⇒ *Strong subsidies and fiscal incentives*

Law under discussion to update French regulatory framework and objectives

⇒ *Updates on sustainable transport facilities into infrastructures, control of installations etc*

future steps in France

- An **ambitious French Pluriannual Energy Programme (PPE3) and National Strategy for Low Carbon (SNBC3)** soon to be published.
- A moving **political situation** impacting EE policies.
- Trade council in Paris as settled an **Energy efficiency Alliance** working on the topic.

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Thank you ! Any question?

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Sune Tobias Grollov, Head of Public Affairs, Nordics
27 August 2025

VELUX Case: Danish Solutions for French Buildings

Who we are:

Our history

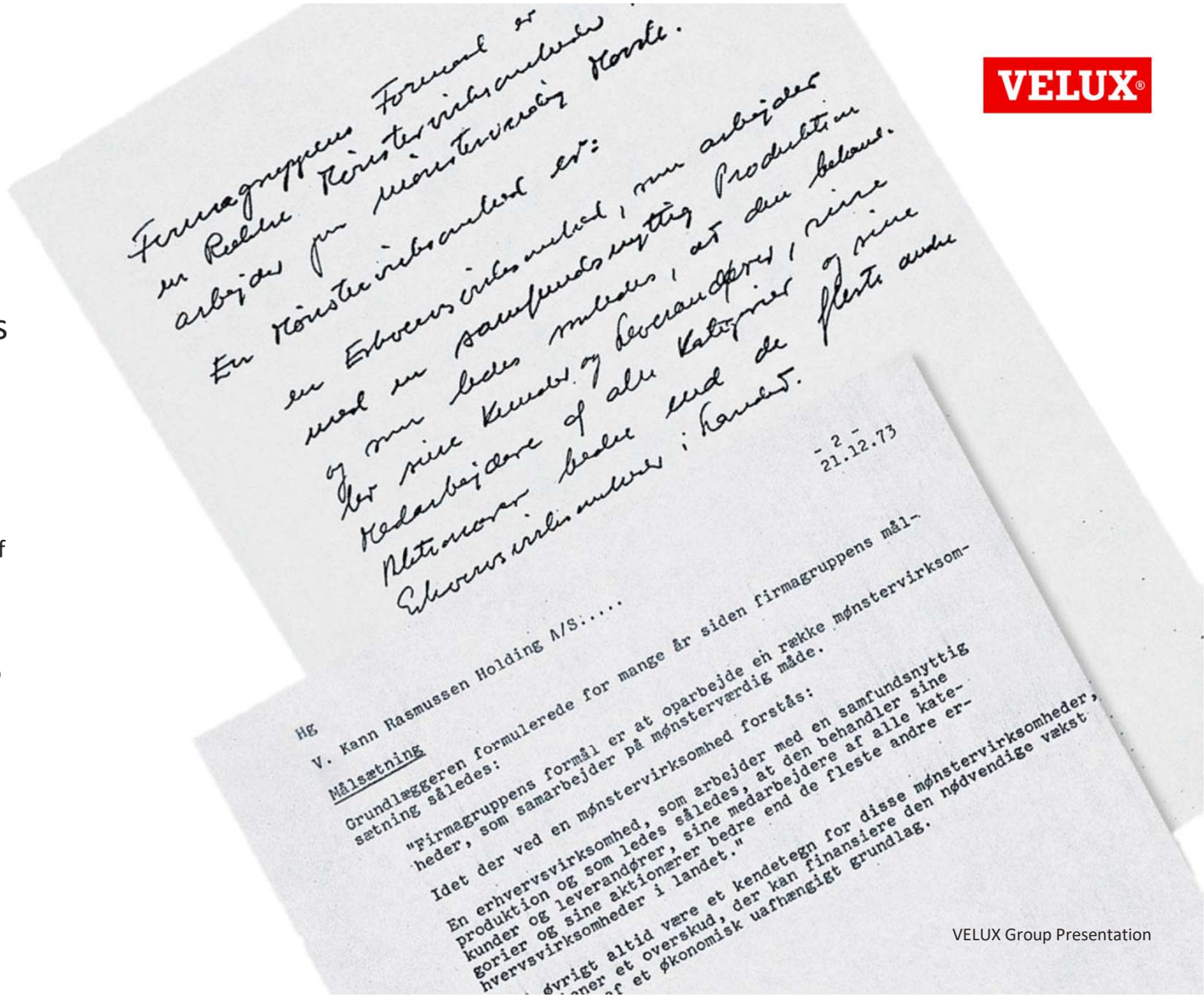
Founded in 1941 by Villum Kann Rasmussen

We have conducted our business based on the Model Company Objective since 1965.

“The Group's purpose is to establish a number of Model Companies which co-operate in an exemplary manner.

A Model Company works with products useful to society, and treats its customers, suppliers, employees and shareholders better than most other companies.

A Model Company makes a profit which can also finance growth and maintain financial independence.”



Who we are

Company facts

The VELUX Group is owned by VKR Holding A/S, a limited company owned by the Villum Foundation and members of the Kann Rasmussen family.

The VELUX Group's financial results are incorporated into VKR Holding's consolidated accounts.

37 countries with sales companies

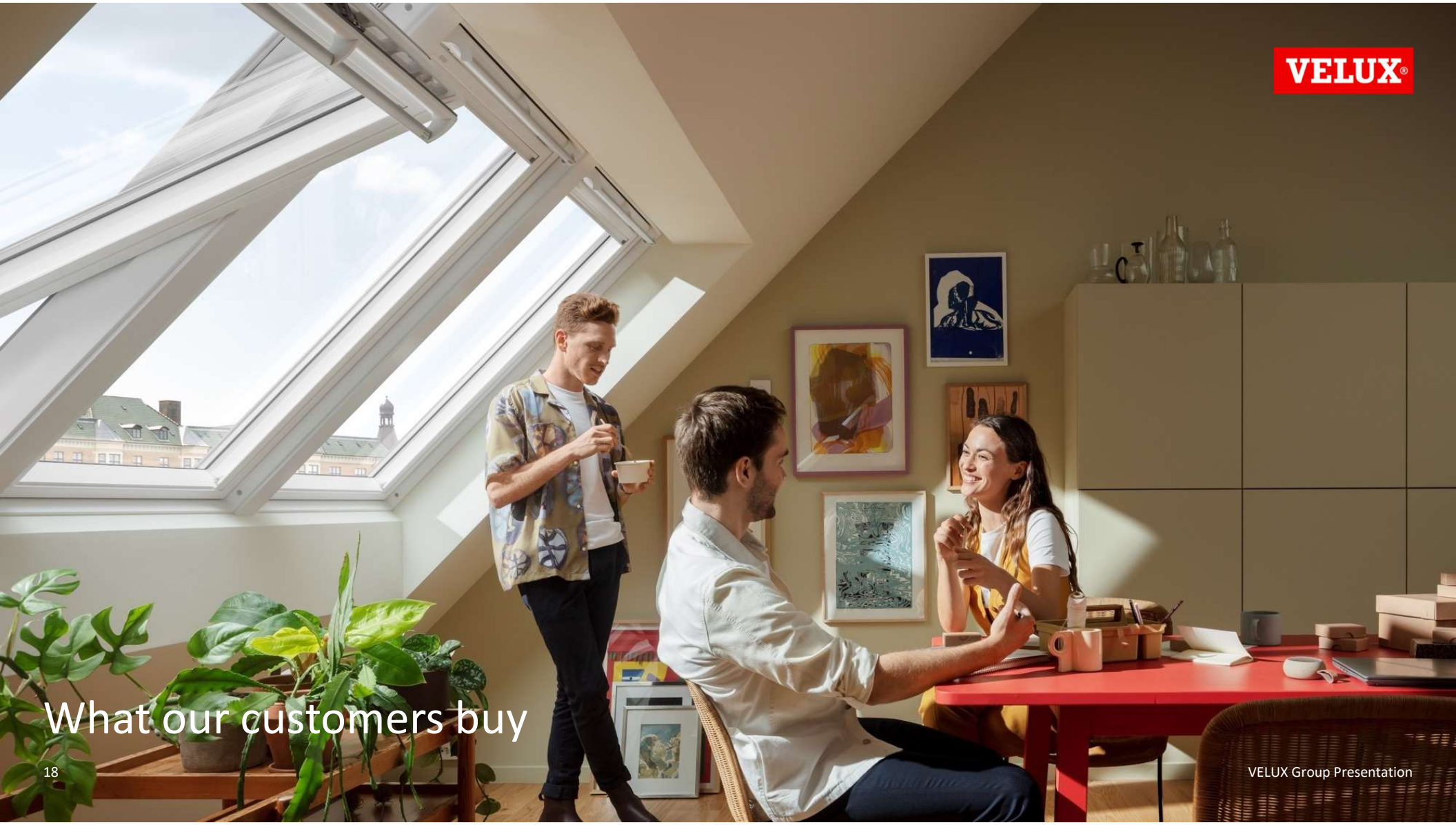
20 production companies in **12** countries

~12,000 employees globally

2024

2.96bn EUR
VELUX Group revenue

3.87bn EUR
VKR Holding revenue



What our customers buy

Indoor Climate

- 31.5% of French residents exposed to at least one indoor hazard (noise, damp, low daylight, or cold)
- Exposure to all 4 hazards = 4× higher likelihood of poor health
- Renovation could generate €96.7 billion in benefits by 2050 (mainly from healthier, more productive offices)
- Ventilation & daylight identified as critical for health, productivity, and resilience (COVID-19 lessons)

France’s recovery and resilience plan

- Total allocation: ~€40.3 bn
- Received to date: ~€34.1 bn (85%)
- ~€5.8 bn RRF funds directly for energy renovation of buildings
- ~€7.2 bn incl. broader renovation-related projects
- Great opportunity for Danish competitive strength

Context – EPBD in France

- EPBD transposed into French law (DDADUE bill, April 2025)
- Legislative framework in place, but decrees pending
- Technical thresholds, enforcement & exemptions to be defined
- Market in transition: clarity expected in coming years

Solarisation - Impacts

- New non-residential buildings >130 m²: from 2027
- Major renovations >275 m²: from 2028
- All new residential buildings: from 2030
- Exemptions: technical, economic, architectural, heritage, green roofs
- Removal of solar obligation for existing non-residential buildings

French Market Priorities

- Energy efficiency remains central to housing & renovation policy
- Supported by public authorities & professional federations
- Solarisation gaining prominence in regulatory agenda
- Risk of imbalance: efficiency vs. renewable energy production

Opportunities for VELUX

- Indoor environmental quality increasingly prioritized
- EPBD obligation: air quality monitoring in major renovations
- Strong fit with VELUX solutions: natural ventilation, thermal comfort, IAQ
- Adaptive thermal comfort in mixed-mode buildings as added value

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Transforming Spaces

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