

Liveability in the Built Environment



COPENHAGEN BUSINESS SCHOOL
HANDELSHØJSKOLEN



Building Green Conference 2017 • Rambøll Head Quarters

Objective

CBS & Rambøll Partnership aims to develop strategic knowledge, tools and skills to close the longstanding performance gap between building design and lived experience, **promoting human well-being and sustainability in the built environment**

Mission

Advance sustainability solutions through partnership, developing multidisciplinary approaches that focus on human well-being and integrated business models, **fostering more liveable and sustainable buildings and cities**

Vision

A joint collaboration developing liveable solutions -physically, socially and culturally- through collaboration and agency of change: Focus on behavioural components from a **human-focused approach to sustainability** that enables people flourishing, better quality of life, economic growth and resource efficiency within the built environment

Activities

1. Student Consulting Projects

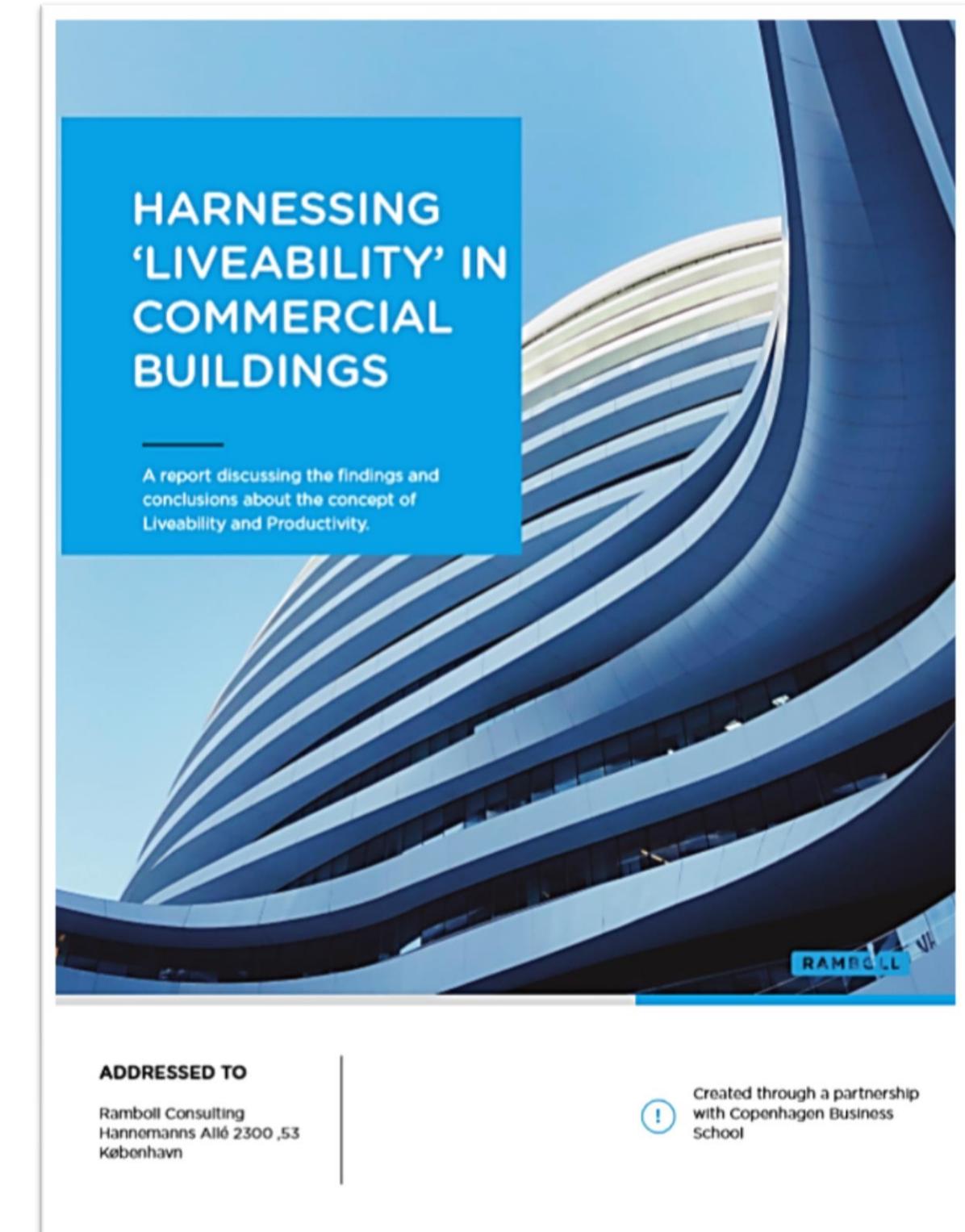
Innovative student initiatives developed in collaboration with Rambøll staff, within the international multi-disciplinary **CBS course Consulting for Sustainability - Harnessing Business Models and Innovation**

2. Research on Liveability and Post-Occupancy Evaluation (POE)

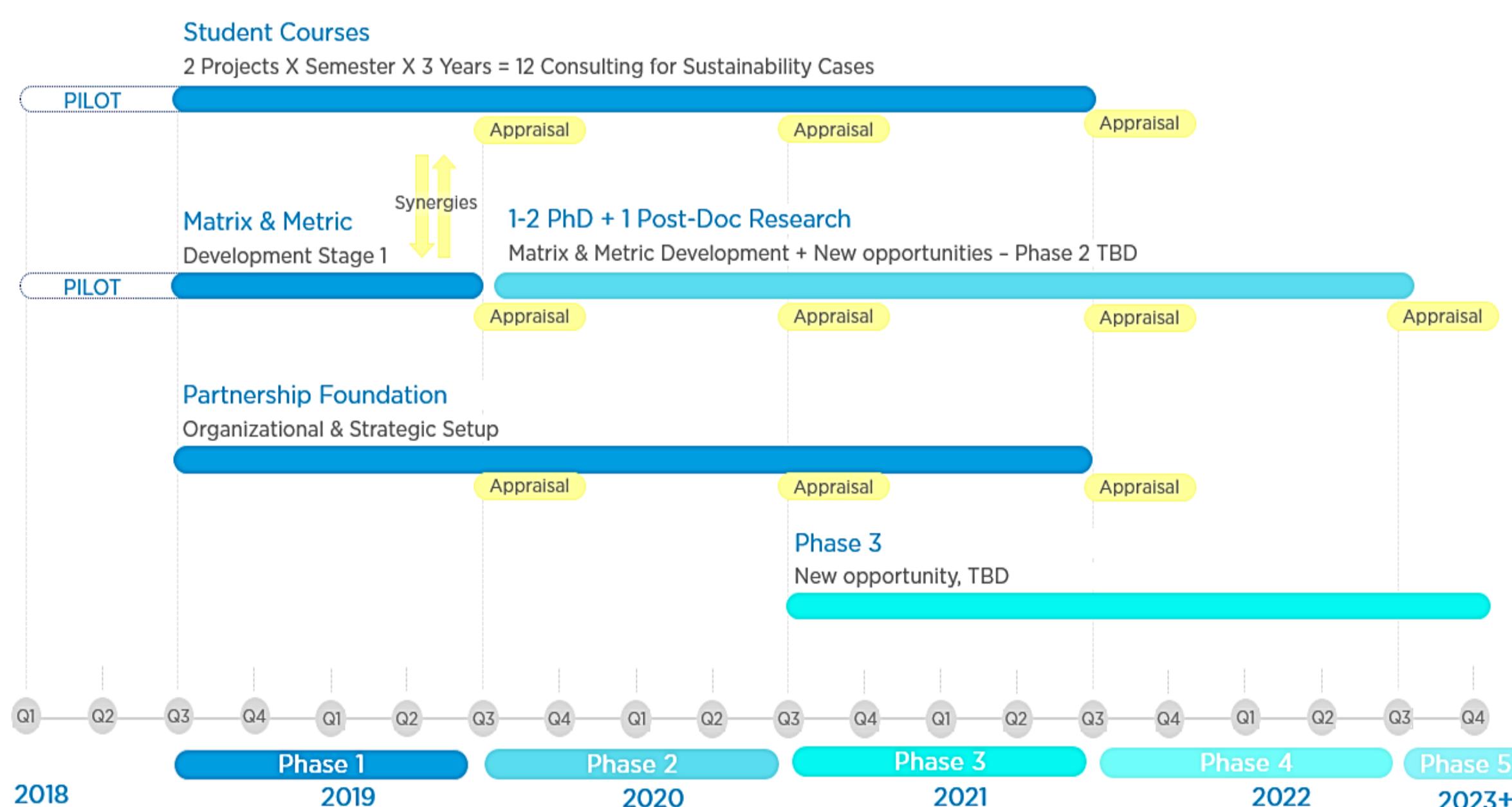
Double focus research developing a **Liveability Matrix** and **POE Metric**, describing and measuring the impact of the built environment on inhabitants' well-being and its economic effects, coupling quantitative data (building parameters) and qualitative data (occupants' experience)

3. Foundation of a long-standing platform for collaboration

Designing a **Sustainable Built Environment Performance Laboratory**, CBS & Rambøll will develop an innovative approach where research meets practice, **advancing key research and strategic sustainability solutions** in the emerging field of human well-being in the built environment



Projected Timeline



Results & Impact

- A **distinct set of skills, data and methods** on liveable and human-oriented design
- Further understanding of **sustainable buildings performance gaps** and tools to minimize or solve them
- Design and implementation of Liveable Buildings Service Models, fostering **Interactive Adaptivity Mechanisms** between buildings and occupants
- **Improved integrated design processes**, from deeper understanding of users' behaviors facilitating innovation, change management and resource optimization
- Tools to measure and establish the **added value of Liveable building** to the inhabitants, economic gains and optimized overall ROI
- **Strategic information for new design, retrofit and investment projects**

Steering Group



Kristjan Jespersen
CBS Assistant Professor, PhD
Dept. Management, Society & Communication



Neel Strøbæk
Rambøll Senior Group Director,
Sustainability & CR and Group Market
Director for Planning & Urban Design



Henrik Stener Pedersen
Rambøll Management Consulting Director



Andreas Qvist Secher
Rambøll Senior Sustainability
Consultant, Strategist & Team Lead



Lars Ostenfeld Riemann
Rambøll Group Executive Director,
Buildings & Aviation Global Division
Director



Jesper Fabricius
Rambøll Communication Manager



Camila Forero Bordamalo
CBS, Student Assistant, PhD
Dept. Management, Society & Communication



Michael Reventlow-Mourier
Rambøll Senior Director



John Robinson
Munk School of Global Affairs and Public
Policy, University of Toronto, Professor, PhD
CBS Adjunct Professor, Dept. Management,
Society and Communication