

# Liveability in the Built Environment



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)

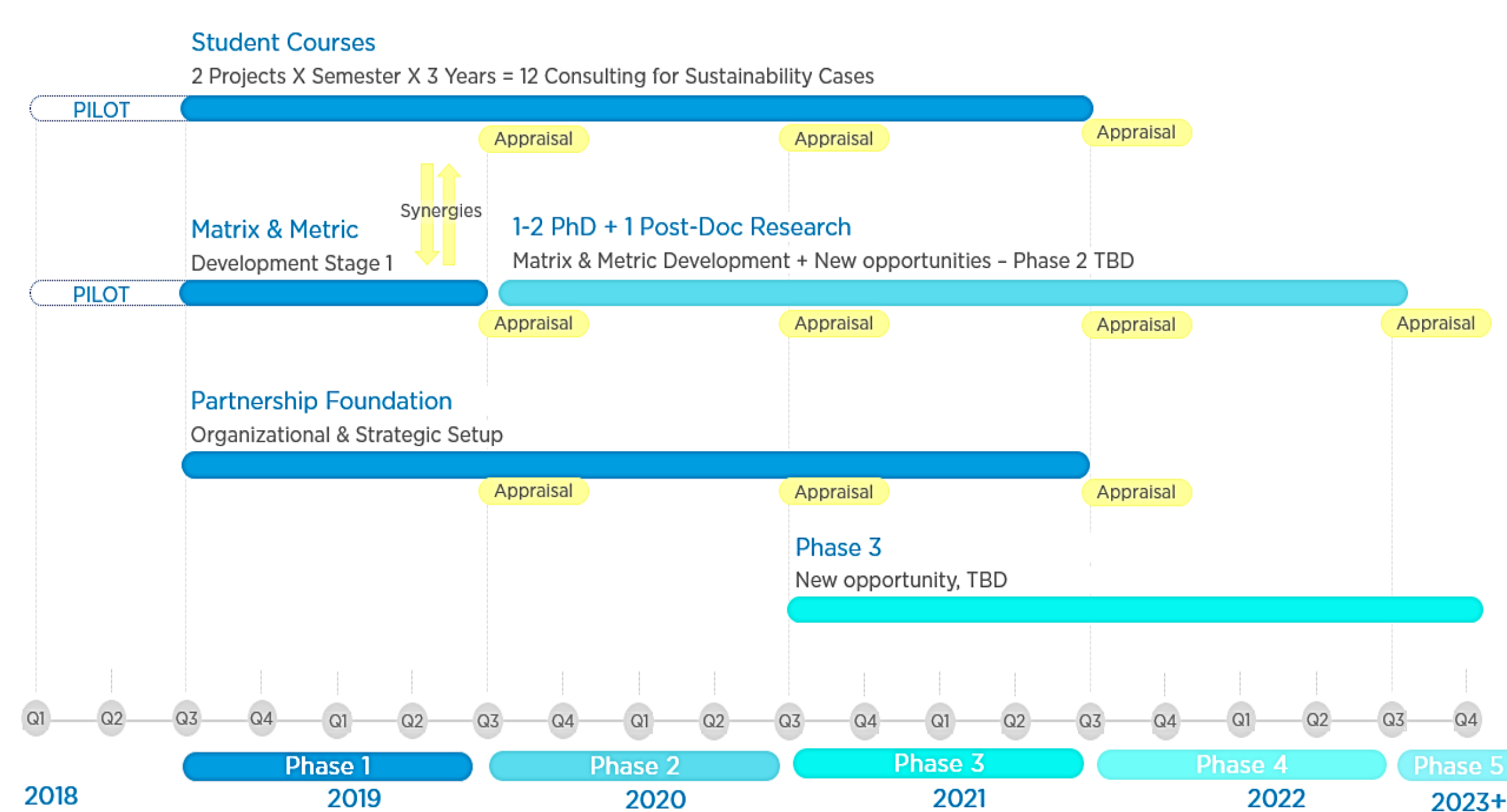
Double focus research developing a **Liveability Matrix** and **POE Metric**, describing and measuring the impact of the built environment on inhabitants' well-being and its economic effects, coupling quantitative data (building parameters) and qualitative data (occupants' experience)

### 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



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



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



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



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



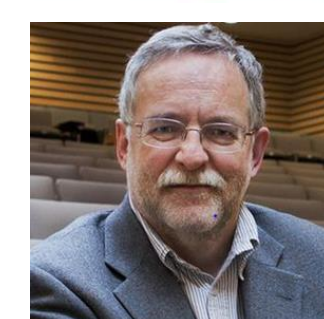
**Michael Reventlow-Mourier**  
Rambøll Senior Director



**Henrik Stener Pedersen**  
Rambøll Management Consulting Director



**Jesper Fabricius**  
Rambøll Communication Manager



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