

RAMBOLL AND THE UN SUSTAINABLE DEVELOPMENT GOALS

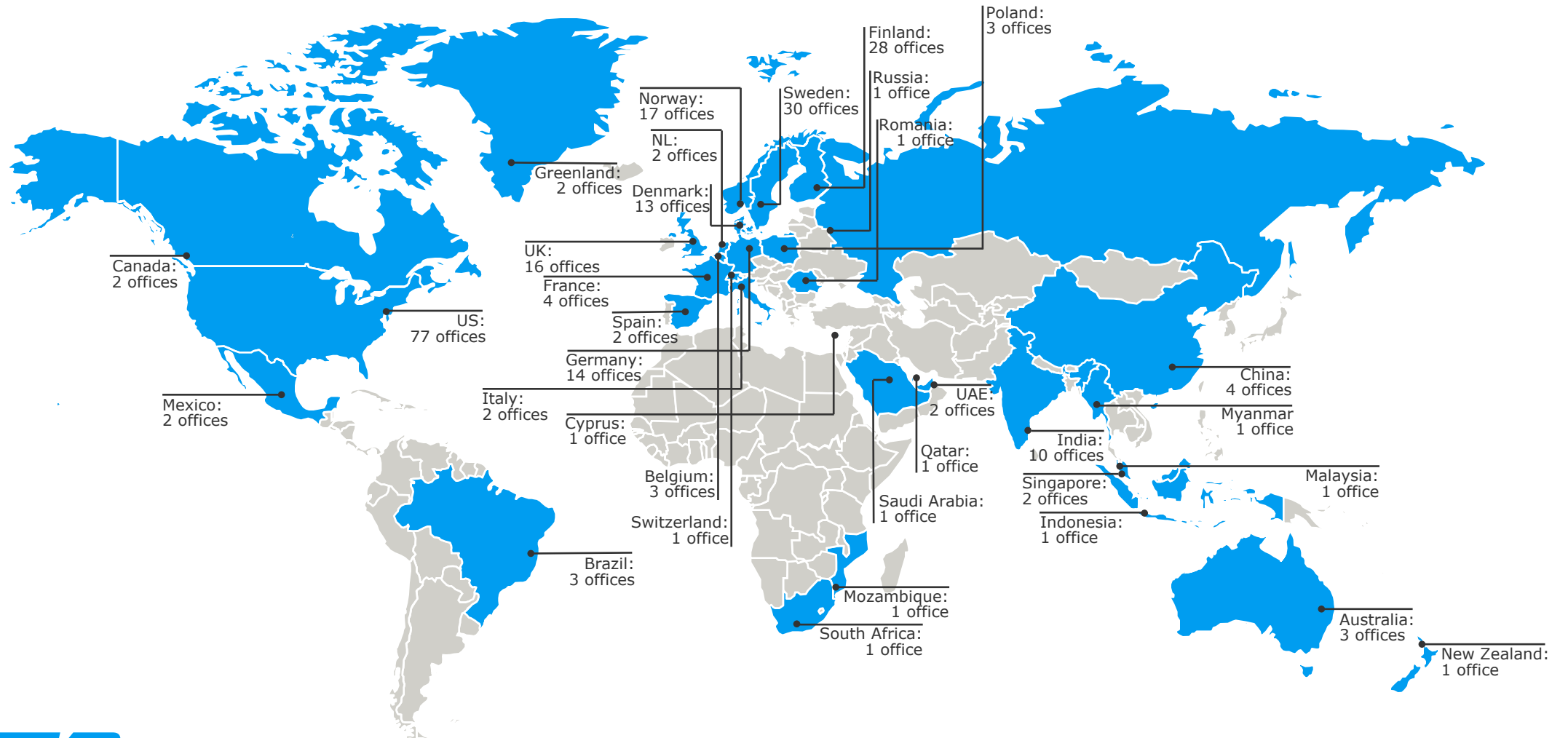
Ib Enevoldsen, Managing Director, Ramboll Denmark



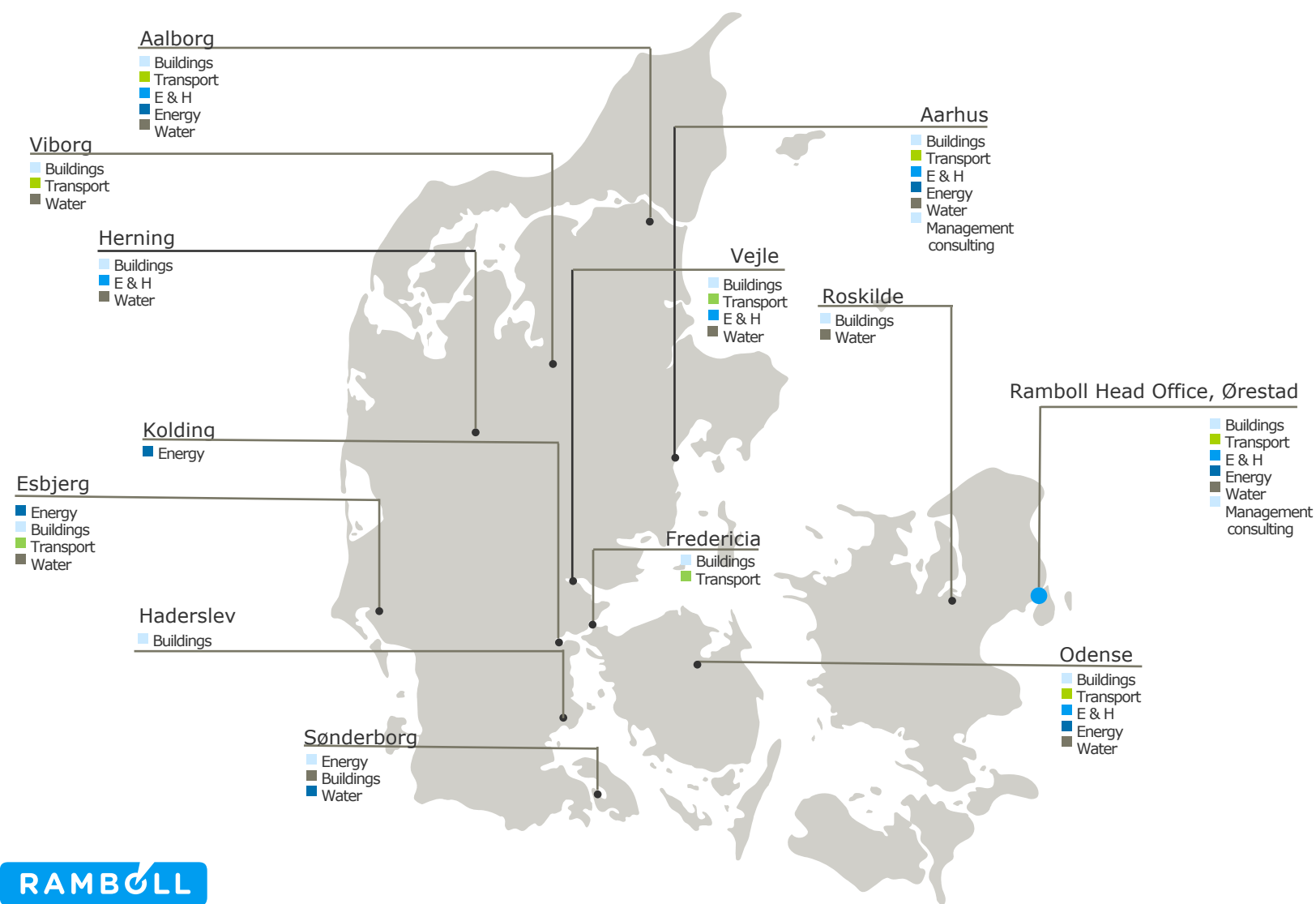
RAMBOLL IN BRIEF

- Independent engineering and design consultancy and provider of management consultancy
- Founded 1945 in Denmark
- 15,000 experts
- Close to 300 offices in 35 countries
- Particularly strong presence in the Nordics, the UK, North America, Continental Europe, Middle East and Asia Pacific
- EUR 1.5 billion revenue
- Owned by Rambøll Fonden – The Ramboll Foundation

GEOGRAPHICAL FOOTPRINT



RAMBOLL IN DENMARK



Employees in Denmark

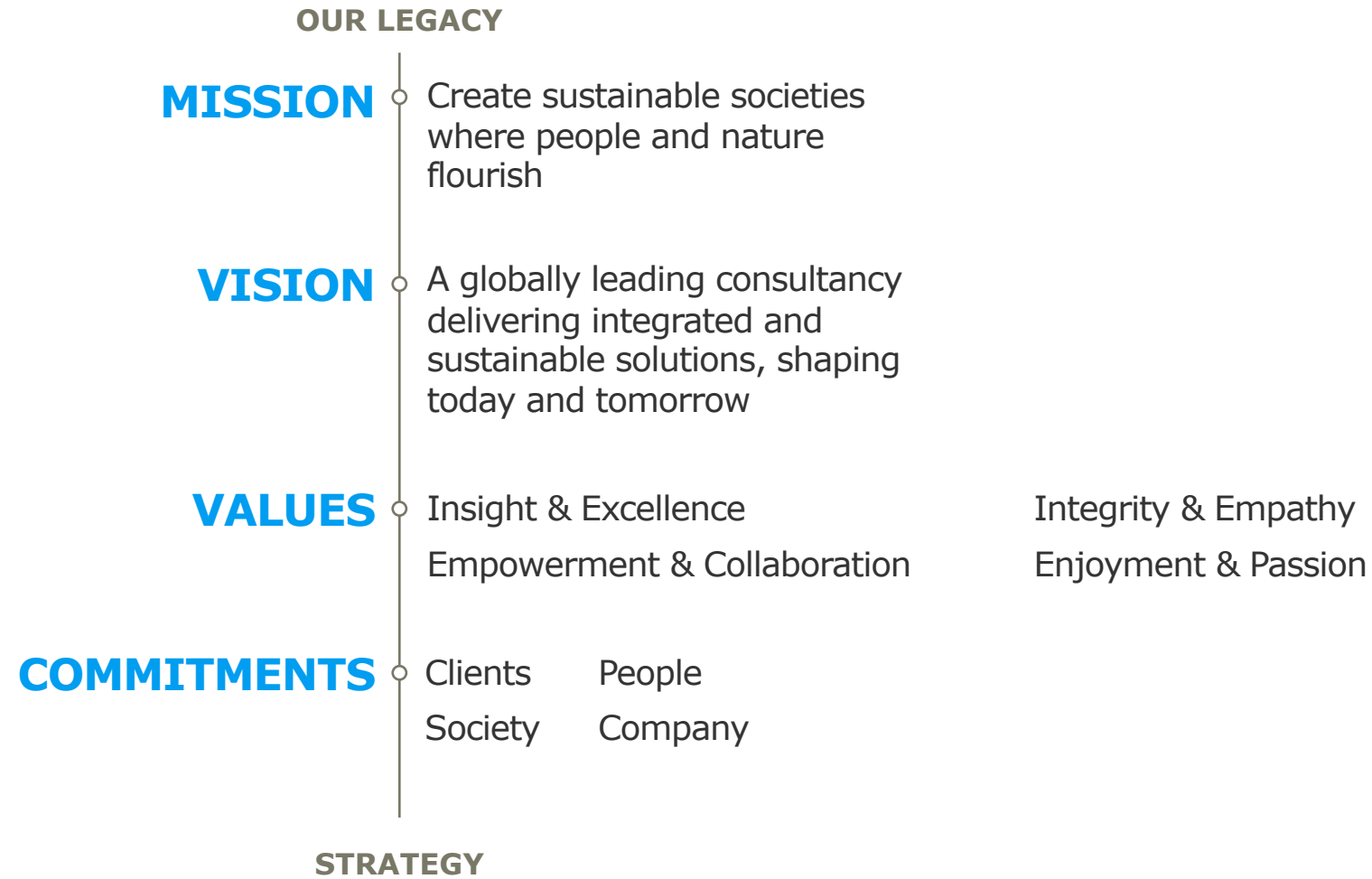
Business units 3,300

Business Units

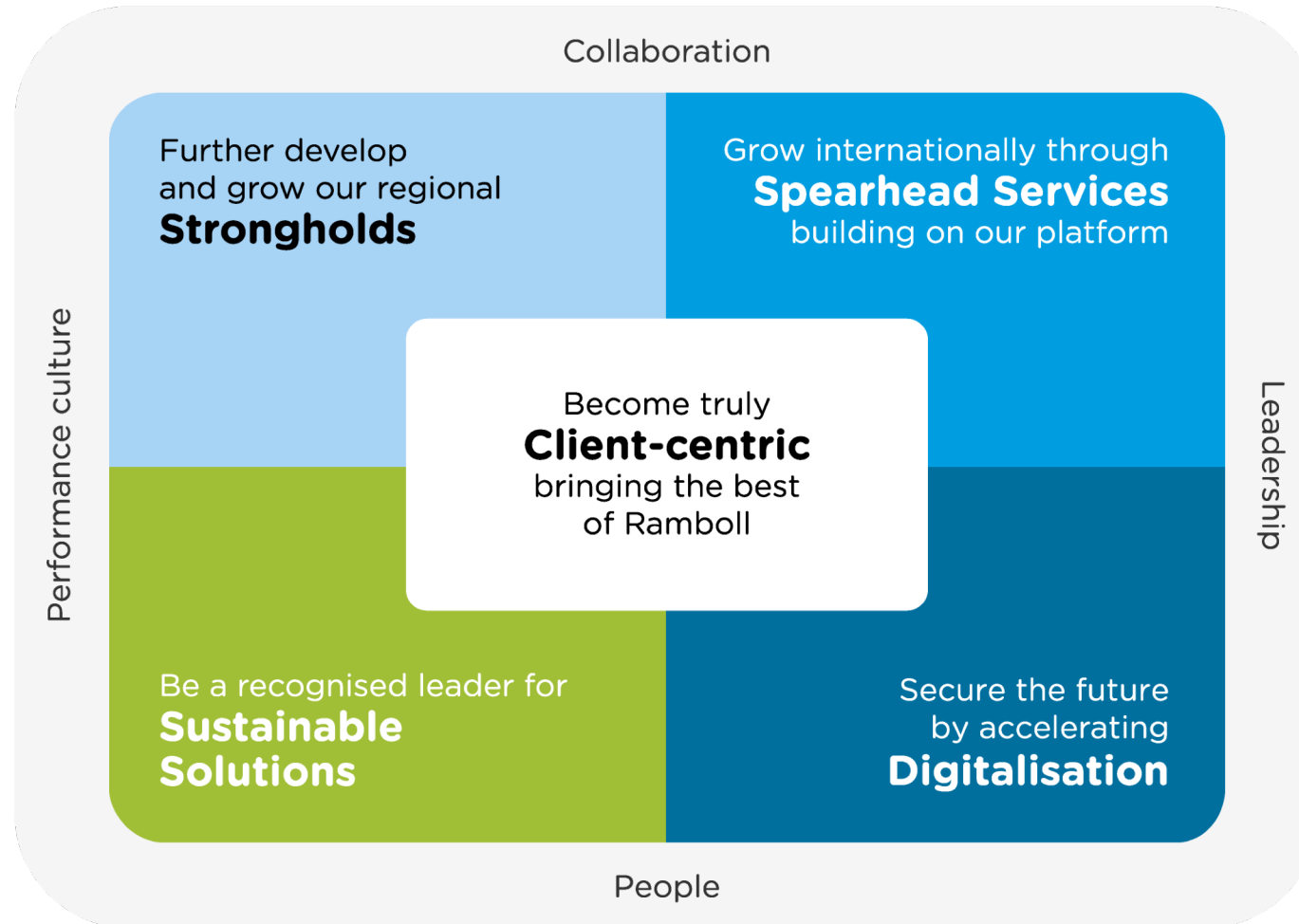
- Buildings
- Environment & Health
- Transport
- Energy
- Water
- Management Consulting

HOW DO WE WORK WITH THE UN SUSTAINABLE DEVELOPMENT GOALS AT RAMBOLL?

OUR FUNDAMENTALS LEAD THE WAY



SUSTAINABILITY EMBEDDED IN OUR STRATEGY



MAKING SUSTAINABILITY OUR BUSINESS

1 Act Responsibly

Responsibility as a good corporate citizen

1. Carbon footprint
2. Equality, Diversity, and Inclusion
3. Health, Safety, Security
4. Anti-corruption

2 Find Opportunities

Business opportunities within sustainability agenda

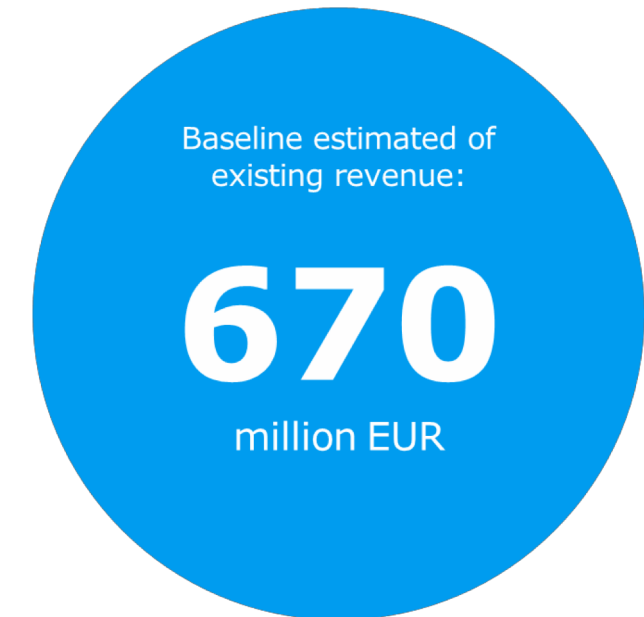
1. Strategy alignment
2. Sustainability in Spearheads
3. Engaging with clients
4. Processes and Tools

3 Inspire & Advocate

Position towards our stakeholders

1. Partnerships
2. Reporting (COP)
3. Engage employees
4. Transparency in dilemmas

SERVICES & SOLUTIONS DIRECTLY CONTRIBUTING TO ONE OR MORE SUSTAINABLE DEVELOPMENT GOALS



Baseline 2016 eqv. to 47% GR

Target 2020 – 940m EUR

Direct impact = intended impact and main objective of projects implemented

ALL MARKETS CONTRIBUTE DIRECTLY TO THE SDGS WITH THEIR OWN FOCUS AND STRATEGY

BUILDINGS



TRANSPORT



WATER



ENVIRONMENT & HEALTH



ENERGY



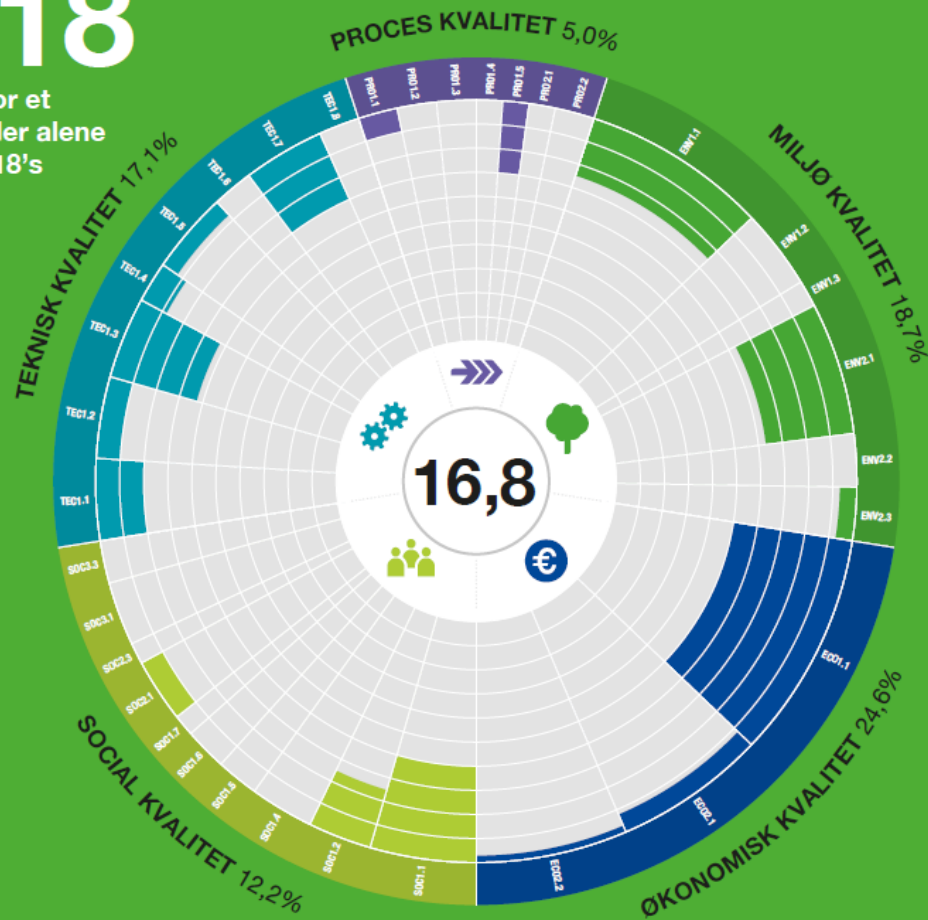
MANAGEMENT CONSULTING



SERVICES WITHIN SUSTAINABILITY, DGNB AND CIRCULAR CONSTRUCTION

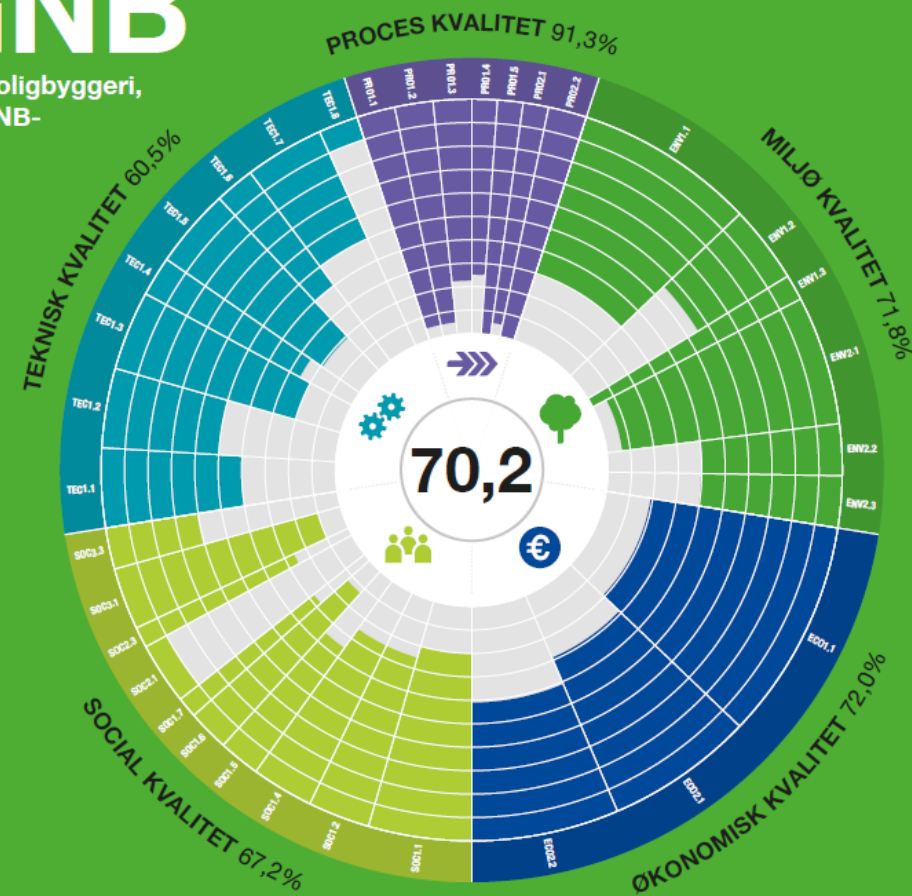
BR18

DGNB-score for et boligbyggeri, der alene lever op til BR18's krav



DGNB

Score for et boligbyggeri, der opnår DGNB-certificering



CREATING SUSTAINABLE CITIES TOGETHER

- Citizen survey in Denmark



RAMBOLL

THE SURVEY – THE FIRST OF ITS KIND

- The survey investigates three dimensions of sustainability (environmental, economic and social) on a local level in Denmark through the perceptions of citizens.
- The study explores the citizens' perception of their cities' performance on the three dimensions and compares the cities.
- The survey has been carried out among Danes over the age of 18 living in the ten largest cities and three areas, each consisting of smaller cities.
- A total of 4,700 CAWI* interviews have been completed.

*Computer Assisted Web Interviewing

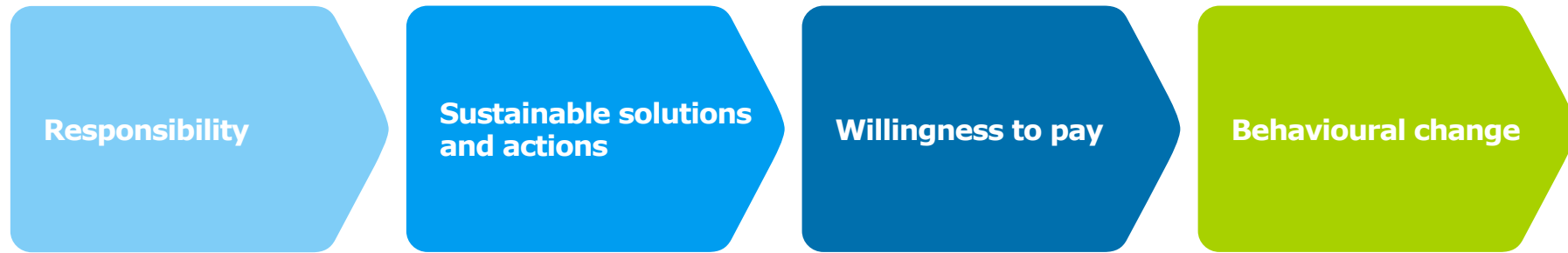


Cities – Numbers of respondents

Copenhagen: 500
Aarhus: 500
Odense: 500
Aalborg: 500
Esbjerg: 300
Randers: 300
Kolding: 300
Horsens: 300

Vejle: 300
Roskilde: 300
Sjællandsområde:
Slagelse, Holbæk and Næstved: 300
Southern Jutland Area:
Haderslev, Sønderborg and Aabenraa: 300
Mid-Jutland Area:
Herning, Holstebro and Viborg: 300

RESEARCH AREAS

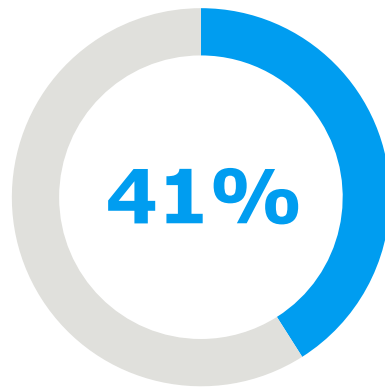




EXAMPLES ON SURVEY RESULTS AT A NATIONAL LEVEL

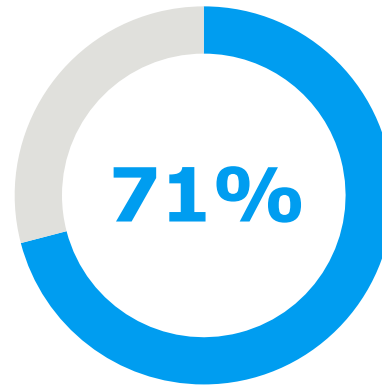
TO WHAT EXTENT ARE THE FOLLOWING RESPONSIBLE FOR ENSURING A SUSTAINABLE DEVELOPMENT OF YOUR CITY?

Citizens



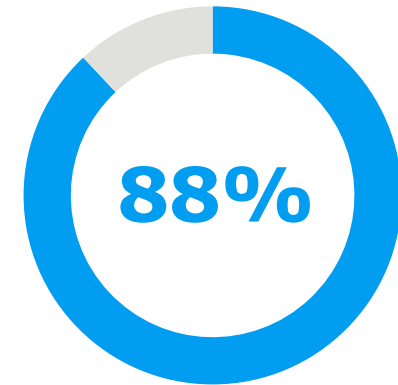
Share of citizens who believe that citizens are responsible or very responsible

Private sector



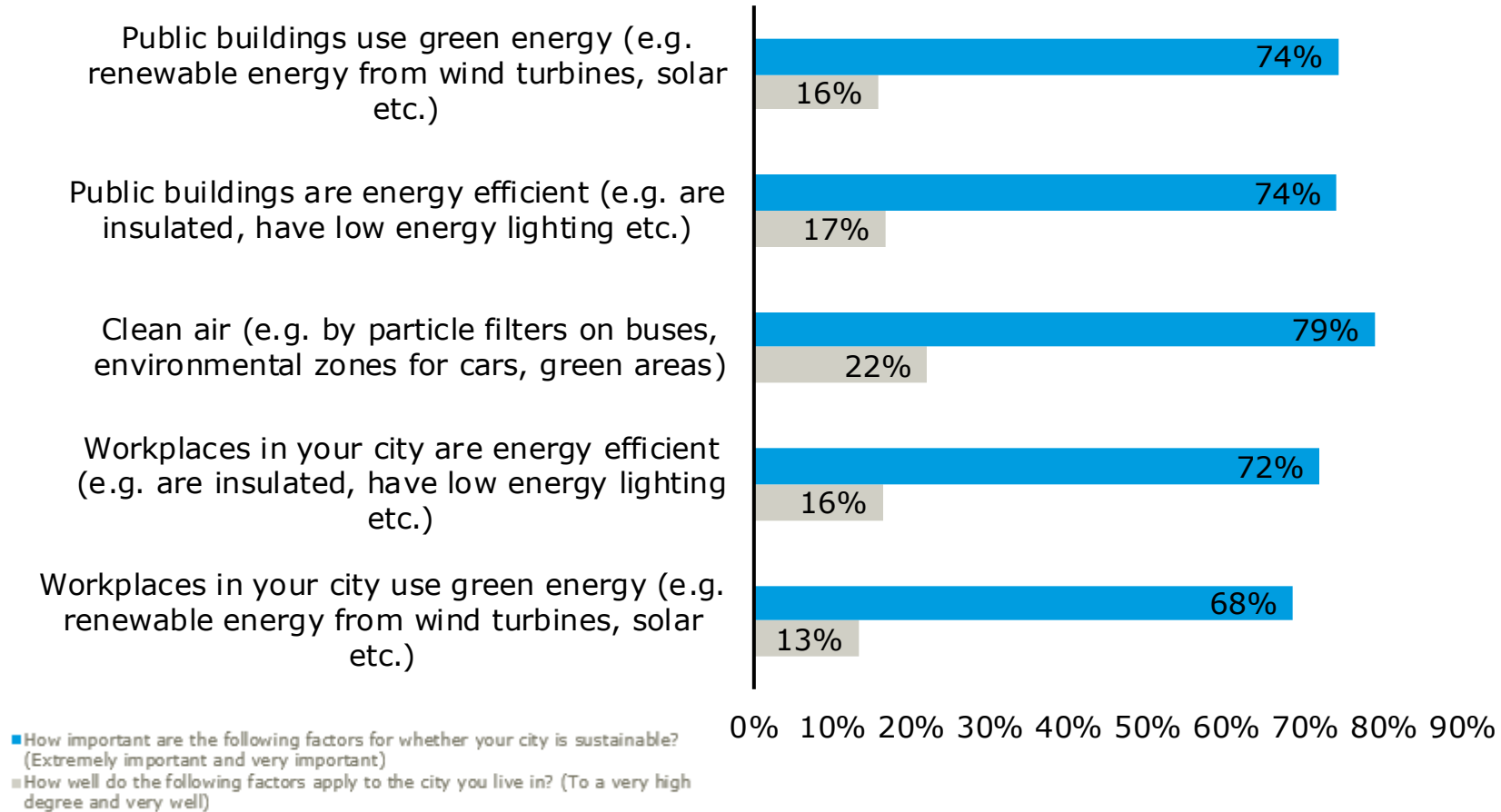
Share of citizens who believe the private sector is responsible or very responsible

Public sector

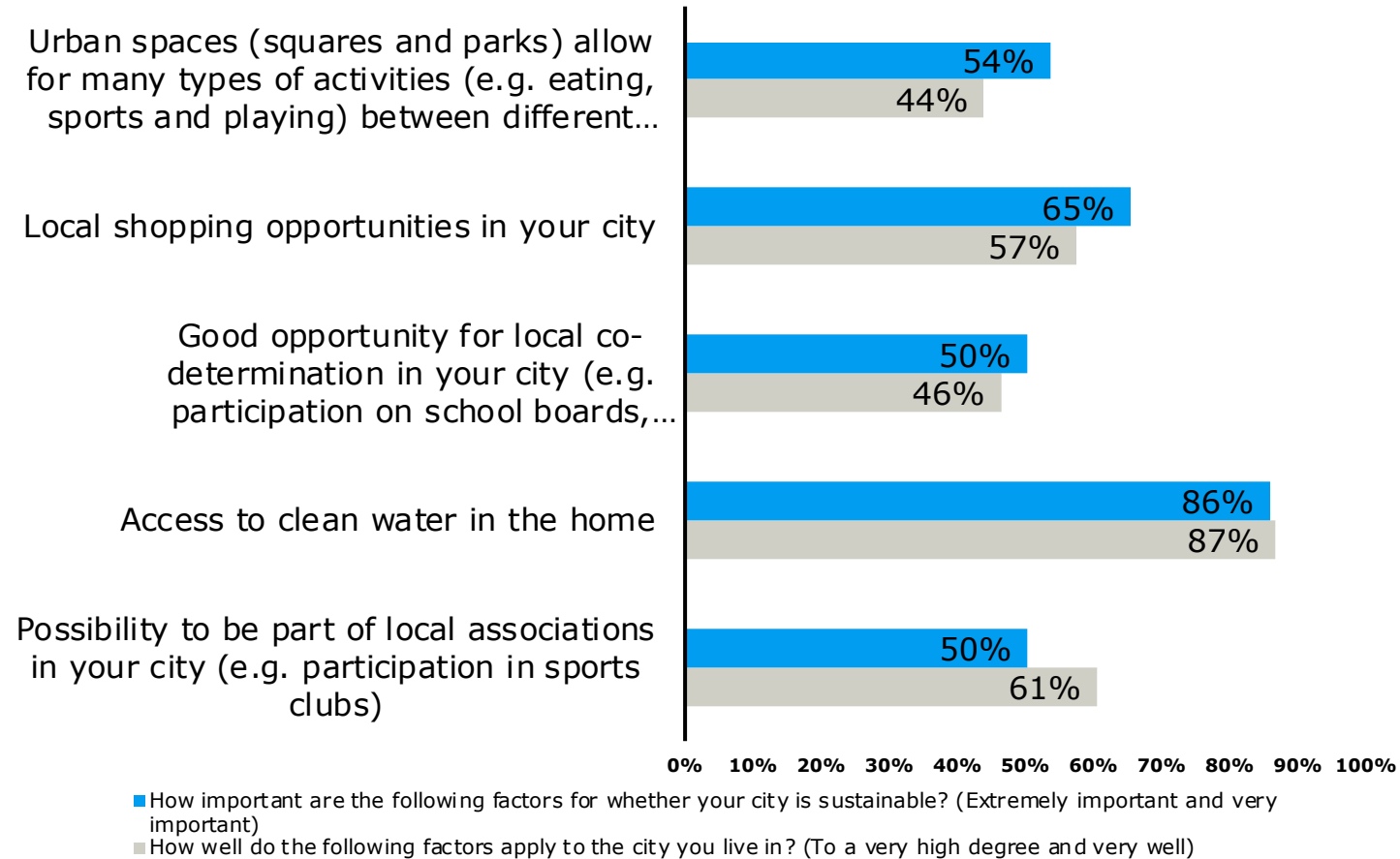


Share of citizens who believe the public sector is responsible or very responsible

LARGEST DIFFERENCES (TOP 5) ACROSS CITIES AND AREAS



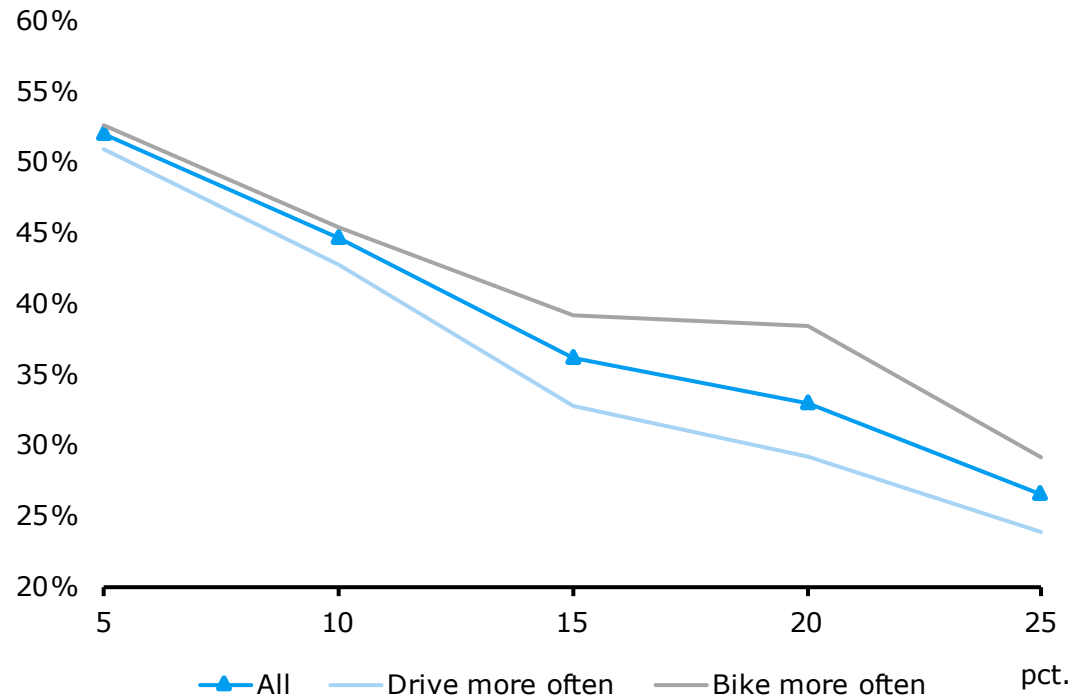
SMALLEST DIFFERENCES (BOTTOM 5) ACROSS CITIES AND AREAS



ARE YOU WILLING TO PAY MORE FOR YOUR TRAVELS WITH PUBLIC TRANSPORTATION, IF THESE ARE CO₂-NEUTRAL?

Share of citizens, who are willing to pay more for CO₂-neutral public transportation

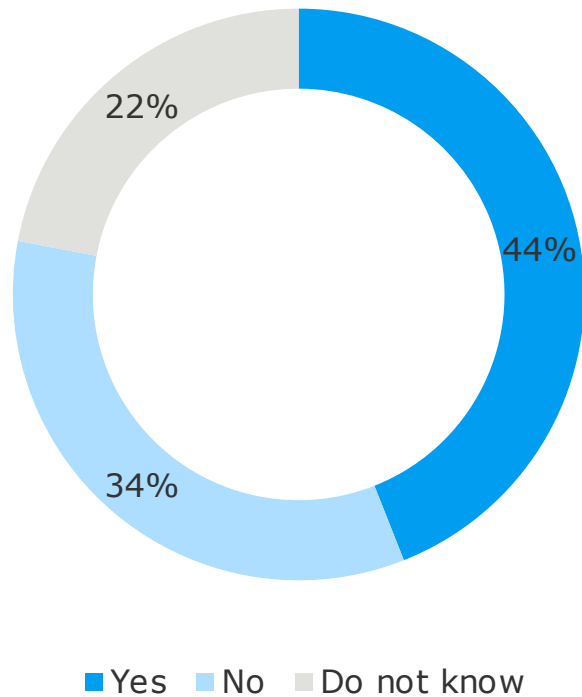
Share of citizens, who are willing to pay more for a sustainable solution (pct.)



Observations

- **52 pct.** of the citizens are willing to pay 5 pct. more for public transportation if it is CO₂ neutral. **27 pct.** are willing to accept a price increase of **25 pct.**
- Citizens who bike more often are more willing to pay compared to those that drive more often. The difference is especially clear at a price increase of **15 pct.** and above.
- Compared with the other cities, more citizens in Aalborg answer yes across all price increases (**45 pct.**).
- **42 pct.** more citizens older than 55 say yes across all price increases compared to those between the age of 35 and 54, where **32 pct.** answer yes to all price increases.

ARE YOU WILLING TO PAY 5 PCT. MORE IN RENT OR HOUSING COSTS IF YOUR HOME IS BUILT OF RECYCLABLE MATERIALS AND IF THE HOME HAS A MODERN LOOK AND A MODERN QUALITY?



Observations

- **44 pct.** of citizens say yes to paying 5 pct. more in rent or housing costs if their home is built of recyclable materials.
- **35 pct.** of those between 55 and 95 answer no, while **29 pct.** of citizens between 18 and 3 answer no.
- **52 pct.** of the citizens with a household income of more than 700.000 DKK per year are more willing to accept higher costs while **42 pct.** of the citizens making less than 300,000 DKK are willing to do the same.
- **47 pct.** of women say yes while **40 pct.** of men do the same.
- **42 pct.** of men and **26 pct.** more than women answer no.

COMPARISON OF CITIES

Sustainable solutions and actions

Public buildings use green energy (e.g. renewable energy from wind turbines, solar etc.)
Public buildings are energy efficient (e.g. are insulated, have low energy lighting etc.)
Clean air (e.g. by particle filters on buses, environmental zones for cars, green areas)
Workplaces in your city are energy efficient (e.g. are insulated, have low energy lighting etc.)
Workplaces in your city use green energy (e.g. renewable energy from wind turbines, solar etc.)
Car and bus traffic in your city are CO2 neutral (i.e. using electricity)
Good coherence in public transportation (e.g. possibility to transfer between buses and trains and to bring your bike on the bus) in your city
Public buildings have a good indoor climate (e.g. have good lighting, air and no noise)
Public buildings are built of building materials that are recycled or have a long life (e.g. concrete, brick)
Workplaces in your city have a good indoor climate (e.g. have good lighting, air and no noise)
Possibility of sorting waste at workplaces in your city
Workplaces are built of building materials that are recycled or have a long life (e.g. concrete, brick)
Good conditions for cyclists and pedestrians (e.g. safety in traffic, cycle superhighways, covered paths) in your city
Housing that is affordable to all in your city
Possibility of using green energy (e.g. renewable energy such as windmill, solar) in own home
Habitats for wildlife and plants in your city
Urban spaces (squares and parks) are protected against flooding
Urban spaces (squares and parks) have low noise (e.g. through noise-reducing asphalt, speed reductions and noise barriers)
Possibility to secure your home against flooding
Urban spaces (squares and parks) are safe (e.g. good lightning, clear sightlines, and many access points)
Historical buildings and places are preserved in your city
Possibility of carpooling (i.e. more persons in a car driving to work) in your city
Possibility of sorting waste in your home
Urban spaces (squares and parks) allow for many types of activities (e.g. eating, sports and playing) between different people
Local shopping opportunities in your city
Good opportunity for local co-determination in your city (e.g. participation on school boards, involvement in the local debate)
Access to clean water in the home
Possibility to be part of local associations in your city (e.g. participation in sports clubs)

Average

Sønderjylland**	Aalborg	Aarhus	Esbjerg	Jylland***	Sjælland***	Horsens	Copenhagen	Kolding	Odense	Randers	Roskilde	Vejle	Total
45%	58%	57%	50%	60%	66%	53%	57%	57%	63%	67%	65%	58%	58%
48%	54%	59%	56%	55%	63%	61%	57%	58%	58%	66%	56%	57%	57%
48%	53%	59%	47%	49%	64%	58%	63%	55%	56%	69%	63%	53%	57%
52%	54%	56%	55%	50%	62%	58%	51%	55%	55%	64%	56%	56%	55%
48%	52%	57%	54%	51%	61%	51%	59%	56%	56%	62%	58%	47%	55%
36%	37%	53%	45%	37%	50%	44%	59%	51%	54%	57%	50%	46%	48%
49%	39%	52%	51%	46%	62%	46%	37%	57%	50%	62%	45%	37%	48%
41%	42%	42%	45%	46%	55%	57%	39%	45%	46%	50%	42%	51%	46%
38%	40%	47%	38%	43%	48%	42%	46%	48%	51%	51%	50%	46%	45%
41%	41%	39%	38%	43%	53%	44%	35%	39%	48%	44%	38%	45%	42%
38%	37%	41%	41%	40%	39%	34%	46%	49%	50%	50%	36%	25%	41%
29%	31%	37%	34%	30%	42%	36%	48%	37%	38%	35%	38%	28%	36%
31%	32%	38%	17%	36%	53%	48%	24%	50%	27%	50%	40%	23%	35%
23%	30%	45%	31%	31%	47%	27%	45%	42%	40%	16%	40%	26%	35%
28%	27%	37%	27%	31%	28%	33%	33%	32%	40%	38%	33%	33%	32%
21%	33%	42%	26%	27%	32%	33%	43%	28%	32%	39%	27%	22%	32%
23%	29%	30%	30%	22%	43%	34%	37%	33%	25%	41%	31%	20%	31%
27%	29%	27%	22%	28%	36%	34%	30%	34%	31%	36%	32%	25%	30%
17%	16%	16%	16%	17%	27%	22%	26%	27%	24%	19%	19%	25%	21%
14%	20%	13%	20%	28%	37%	29%	14%	23%	25%	27%	15%	15%	21%
16%	16%	19%	16%	20%	37%	23%	25%	6%	20%	18%	16%	25%	19%
6%	16%	21%	20%	5%	25%	20%	17%	21%	24%	26%	23%	11%	18%
11%	9%	10%	11%	16%	-3%	-6%	-5%	37%	40%	4%	1%	-4%	10%
10%	4%	7%	11%	16%	23%	18%	6%	1%	6%	19%	4%	11%	10%
19%	4%	-2%	7%	8%	28%	5%	6%	19%	10%	17%	2%	-9%	8%
9%	-2%	-3%	5%	-1%	23%	5%	4%	4%	6%	10%	-2%	0%	4%
1%	-1%	-2%	4%	-1%	1%	-2%	-4%	3%	1%	-4%	-6%	0%	-1%
0%	-21%	-14%	-11%	-6%	8%	-7%	-14%	-10%	-11%	-8%	-15%	-10%	-10%
27%	28%	32%	29%	29%	40%	32%	32%	34%	34%	37%	31%	27%	

**Zealand is a cluster of Slagelse, Holbæk and Næstved*
***South Jutland is a cluster of Haderslev, Sønderborg and Aabenraa*
****Jutland is a cluster of Herning, Holstebro and Viborg*

Explanation of the colors:
Green mark the lowest number, yellow marks the 50th percentile and red mark the highest value. The darker the green, the lower the number, the darker the red the higher number relatively speaking.

THE SURVEY REFLECTS SELECTED SDG'S

If cities follow the citizens' recommendations, it will impact the following UN's sustainable development goals

