- Urbanisation is a global megatrend
- 54% of the global population lives in cities
- 78% of Europeans live in cities
- 70% of global GDP is created in cities
- 85% of Europe's GDP is created in cities
- 90% of all innovations are done in cities



#### 70% of CO<sub>2</sub> emissions are from cities

### My World ...











#### ... the end!

A State of the

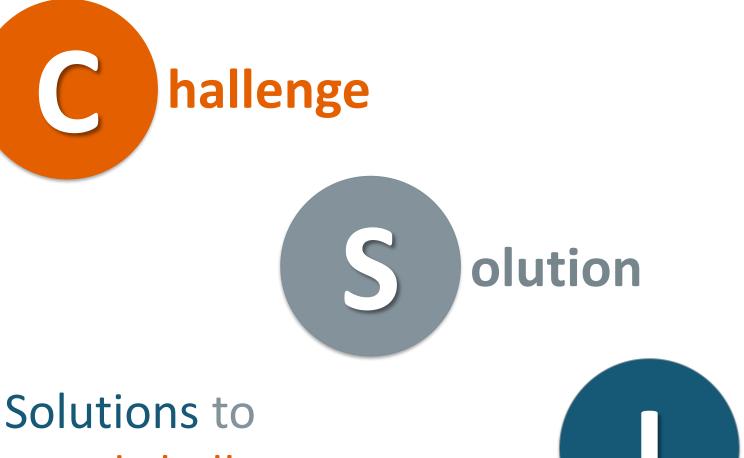


EXIT

# Solutions to global challenges of significance require radical new ways of approaching problems

17.9.2019 VTT - beyond the obvious Stop being an engineer! Think beyond the obvious!





### grand challenges



## There is still hope