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# Energiesprong

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# Biggest challenge for europe: a carbon free building stock by 2045

- Almost 30% CO<sub>2</sub> emission cause from buildings
- Russian war on Ukraine underlines the need to become independent of fossil fuels

# That means:

100.000.000 homes to NetZero  
15.000 units per day

**300 Billion €/ year**

California

New York State



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Traditional way is not  
scalable





# Energiesprong approach:

- High quality retrofit solutions to scale, with:
  - NetZero standard
  - Long-term warranty
  - Minimal invasive for tenants
  - Maximum of likeability









# Energiesprong Countries

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- Energiesprong Projects
- Projects inspired by Energiesprong

California

New York State



Feasibility proved: about 6.000 dwellings in NL, GB, FR, DE, IT are finished







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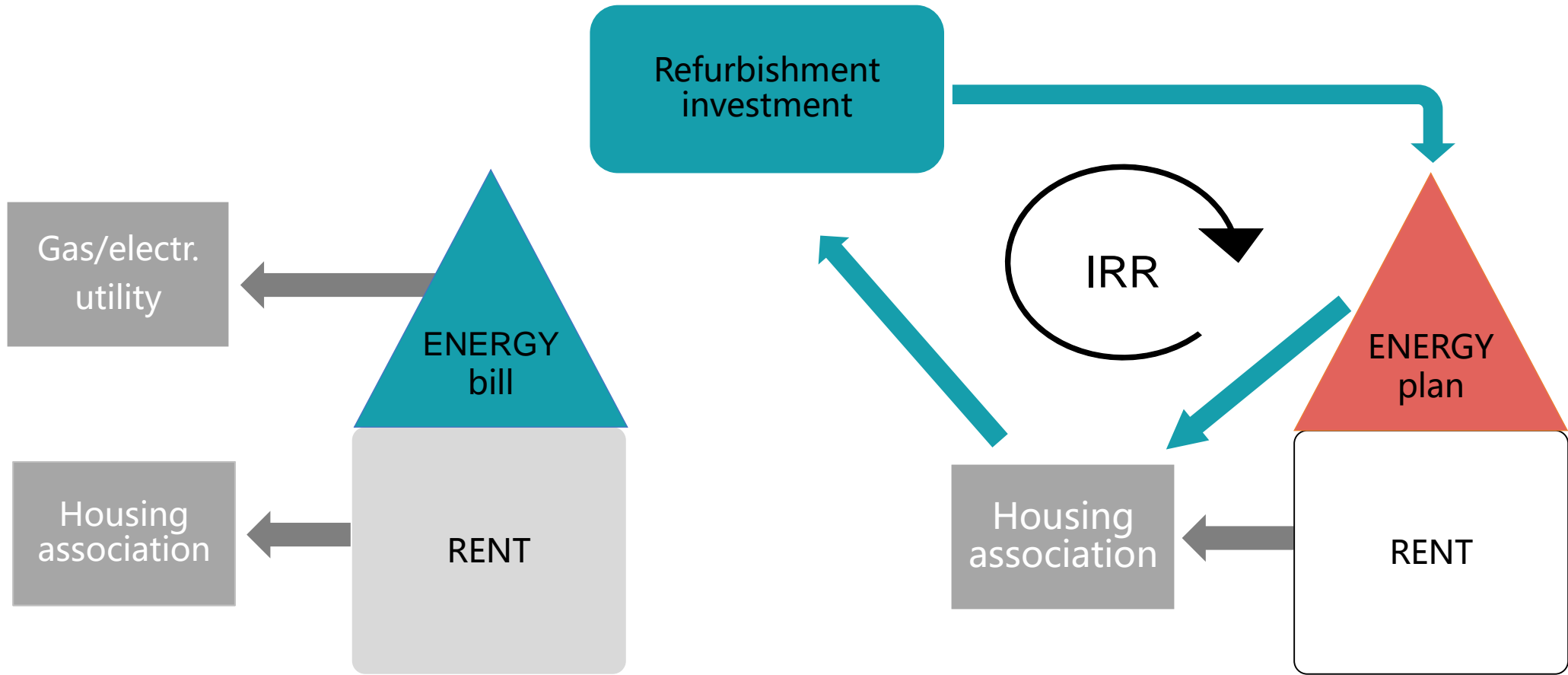


Fotos:  
Pribaten-Freitag/WWS Herford GmbH



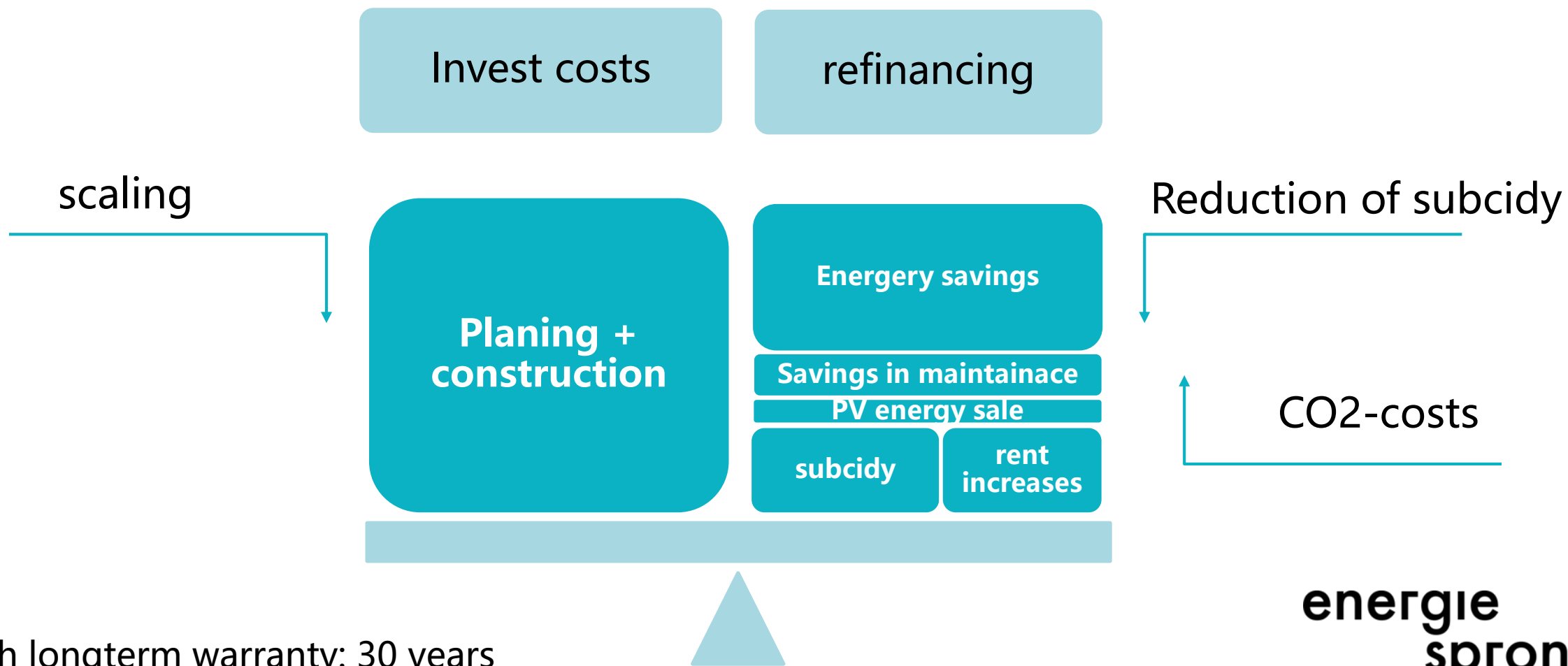
BEFORE  
REFURBISHMENT

AFTER  
REFURBISHMENT





# Business case from point of view of a HO \*



\*with longterm warranty: 30 years

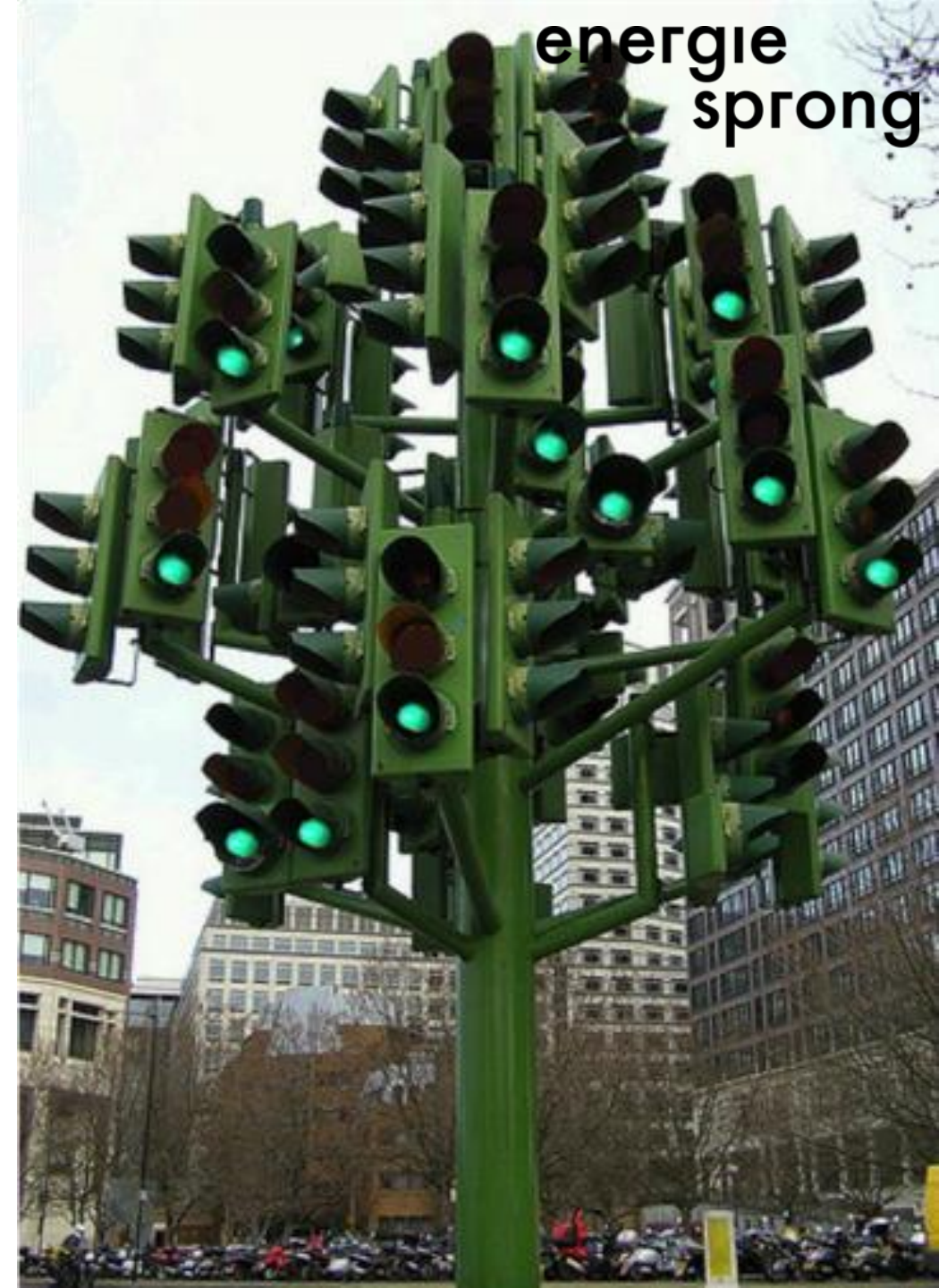


# Challenges:

- Currently: prefab modules have too high costs
- plug and play solutions are not mass market ready yet
- Leak of labour in construction sector

# Solutions:

- Organise initial volume
- Matchmaking through a neutral team (MDT)
- Create an innovation friendly environment





# Take aways for other countries and climates

- It's not only technical, it's a business case
- Create something people WANT to have (market conditions)
  - Quality
  - Affordability
  - Quick
  - It has to make the neighbours jealous
- Renovations as an integrated whole-house approach (create a renovation package)

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# Who we are

Energiesprong is a non-profit market development initiative funded by EU, national + local authorities



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