

ELECTRICITY

A citizens' initiative

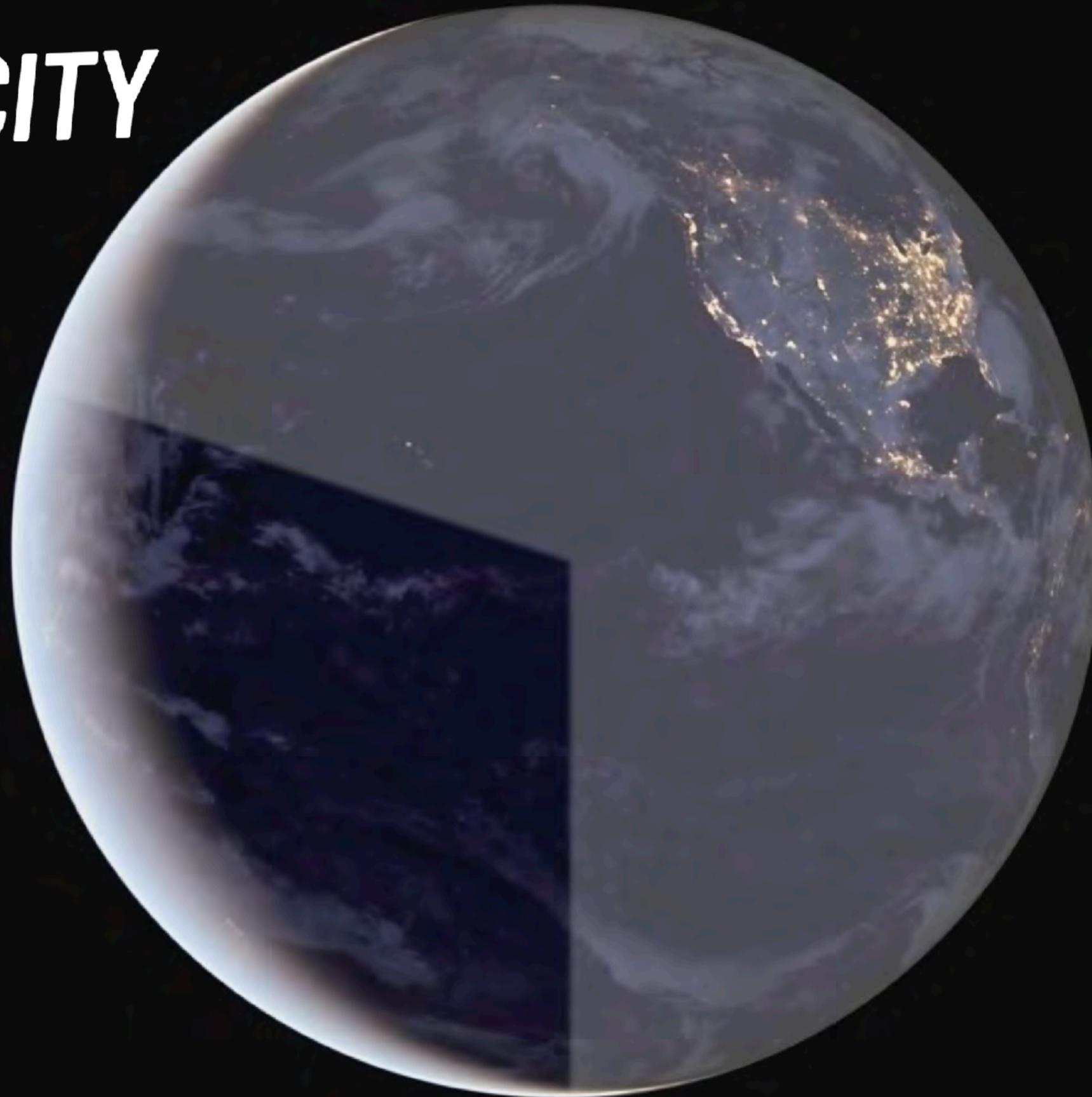


Cities occupy
3%
of the earth's
surface

Jörgen Lööf, CEO

ELECTRICITY

An accelerator for
change



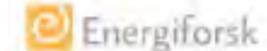
but
accounts for
70%
of the CO₂-
emissions!

Jörgen Lööf, CEO

OUR MEMBERS AND PARTNERS



BELATCHEW



ferroamp



HYPER ISLAND

Hållbara Reimersholme

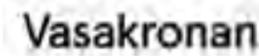
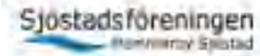
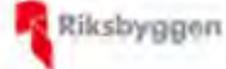
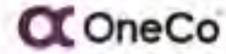
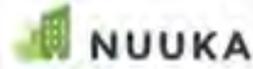
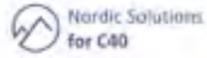
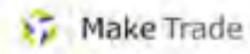


ICA SJÖSTADEN



INTERNET STIFTELSEN





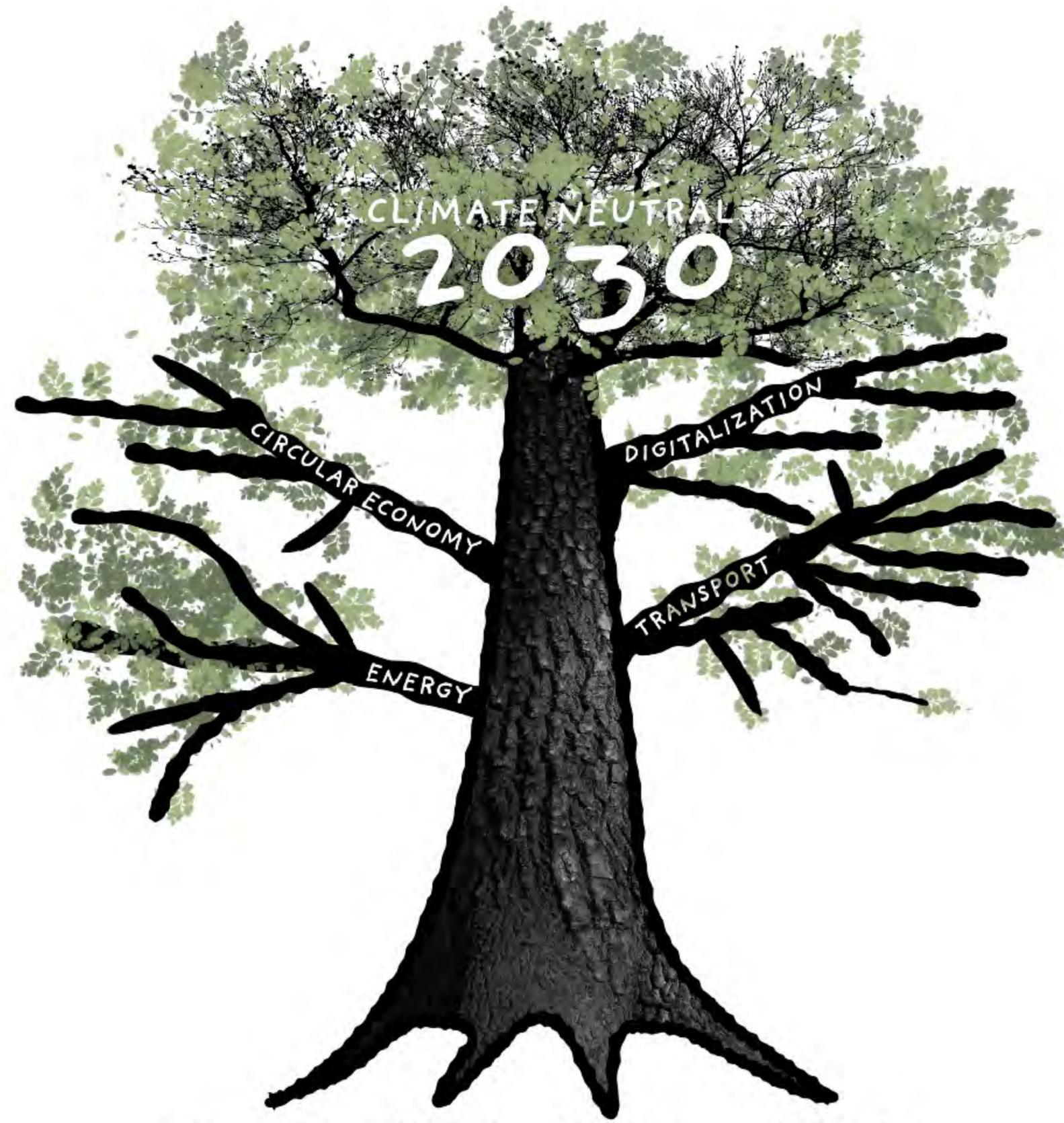
HAMMARBY
SJÖSTAD 2.0

**LIVING TEST BED
WITH 18,000 PEOPLE**

ELECTRICITY



**OUR MAIN
FOCUS AREAS**



Companies Cities/
municipalities Citizens Academia

THE ENERGY CHALLENGE IN HAMMARBY SJÖSTAD



ELECTRICITY

**ENERGY
WHERE TO START?**



ELECTRICITY

A photograph of two men in a technical room. In the foreground, a man with white hair and a dark jacket is looking at a piece of equipment. In the background, a man with glasses and a blue jacket is smiling. The room is filled with pipes, valves, and electrical equipment.

**CHARLIE
– ENERGY MANAGER**

**WILLY
– ENERGY EXPERT**

**AN ECODRIVE THAT
PROVIDES
A PRIORITY LIST**

Energy

– what could possibly go wrong?



- The design and calculations could be faulty or not up to today's standard.
- Building projects often stretch over several years and initial solutions can become outdated.



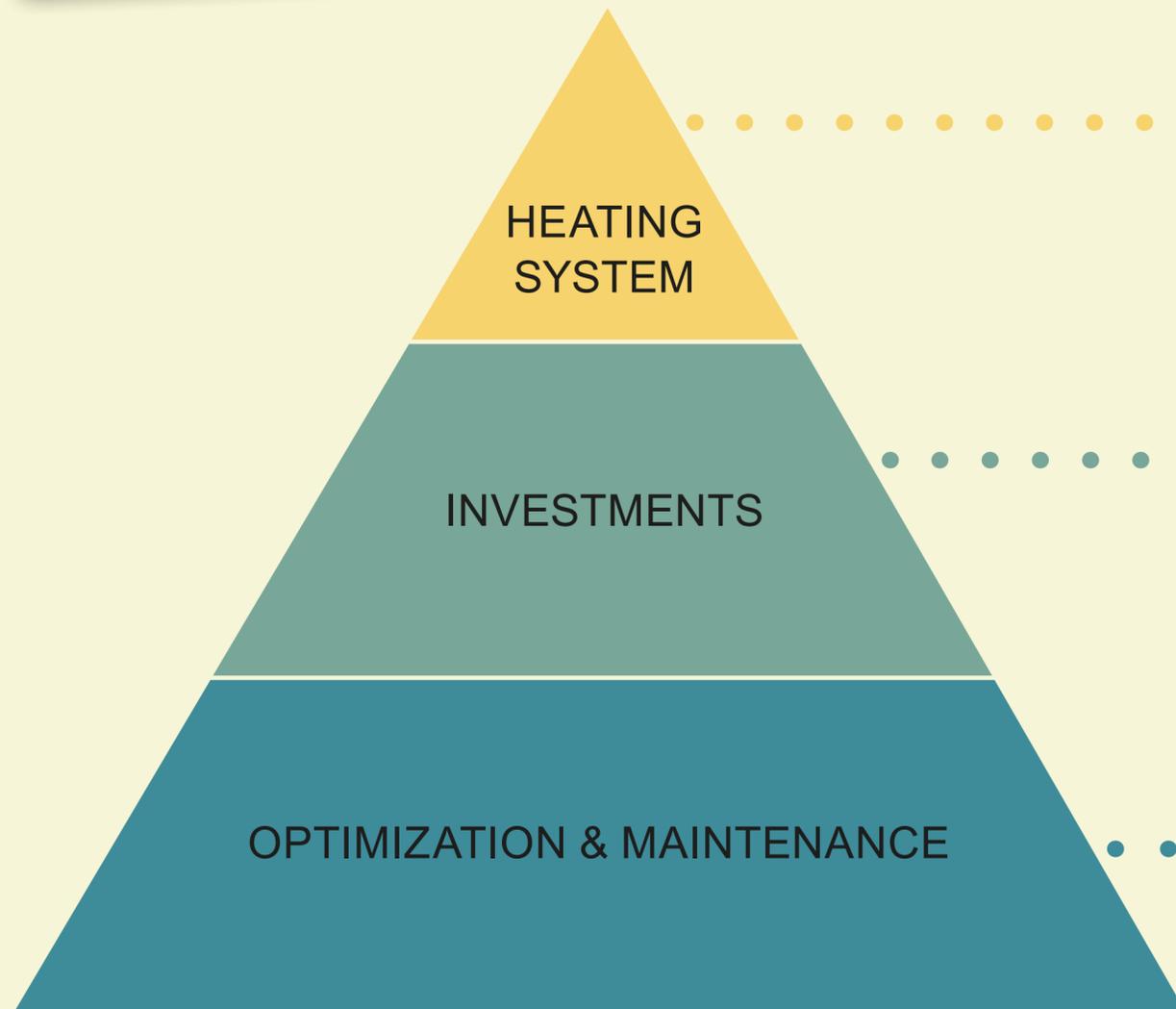
- The design and calculations used are dated or misinterpreted.
- The builders workforce could lack the necessary skills required to do the installations.



- The maintenance could either be haphazard or poorly executed.
- Lack of interest and inadequately trained staff could worsen the situation.

TECHNICAL MANAGEMENT

TARGETED ENERGY MANAGEMENT



3

KEY FACTORS:

Geothermal heat exchangers
District heating
Pellet boilers

2

Loft Insulation
New windows
New entrance and cellar doors
Outside cladding
Motion-controlled LED lighting
FTX - pressure controlled fans, FVP, management and control systems

1

Weather proofing windows and doors
New radiator valves and thermostats
Fine-tuning heating and ventilation systems
Turning off circulation pumps in the summer
Changing incandescent lighting to LED in existing luminaires

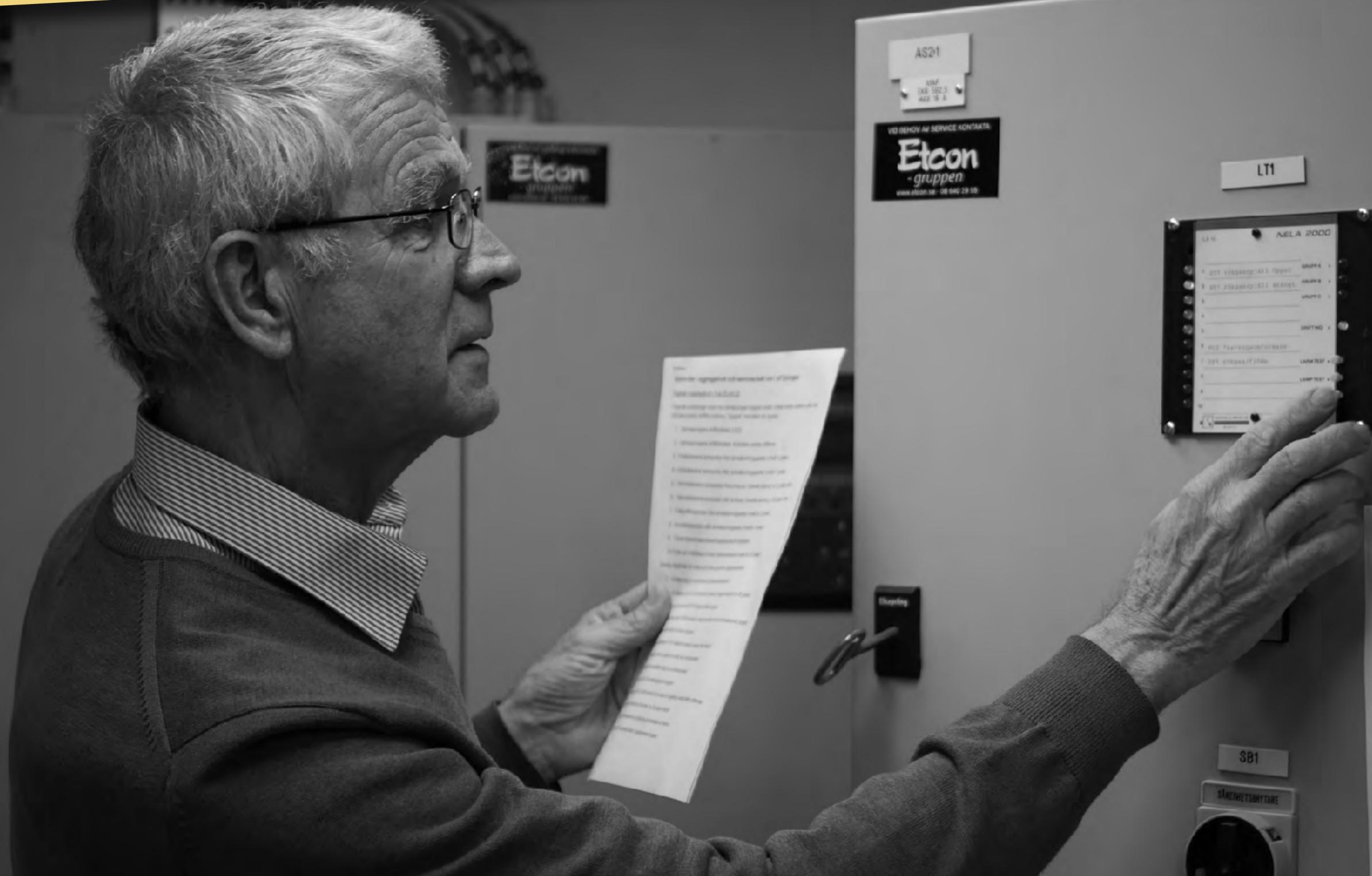
ENERGY EFFICIENCY'S LOW-HANGING FRUIT



**SEALING STRIPS + INSULATION =
MAJOR EFFECT ON HEAT LOSS**



CHECKLIST FOR OPTIMIZATION OF ENERGY EQUIPMENT



Brf Dyningen
Byta av fränluftfilter varje kvartal. Byta av remmar vid behov (2
Inspektion av remmar varje kvartal. Byta av remmar vid behov (2
Vid driftstörningar kontakta Göran Isaksson 073 380 34 52

Datum	Åtgärd och signat.
19/5-16	Filtterbyte / Natasael
29/6-16	Tillsyn / Natasael - Se
13/7-16	Tasyn, byta av kylolja SE
30/8-16	Tillsyn - Nat
10/10-16	Tillsyn Ali Fyllt
19/12-16	Remspänning
21/12-16	Tillsyn vko
30/12-16	... LU
9/1-17	... LU
24/1-17	Remspänning
12/2-17	...
14/3-17	...
11/4-17	Remspänning
26/5-17	utöning
30/5-17	Remspänning

**ADJUSTING THE HEATING SYSTEM CAN
REDUCE ENERGY USAGE BY 10 TO 15%**

**VENTILATION REVIEW
FOR BETTER AIR AND
ENERGY EFFICIENCY**



ELECTRICITY



ENERGY MEEETINGS

**EDUCATION
= BEHAVIOR CHANGE**

WE SHARE  EXPERIENCES

JOINT PROCUREMENT



20%
DISCOUNT

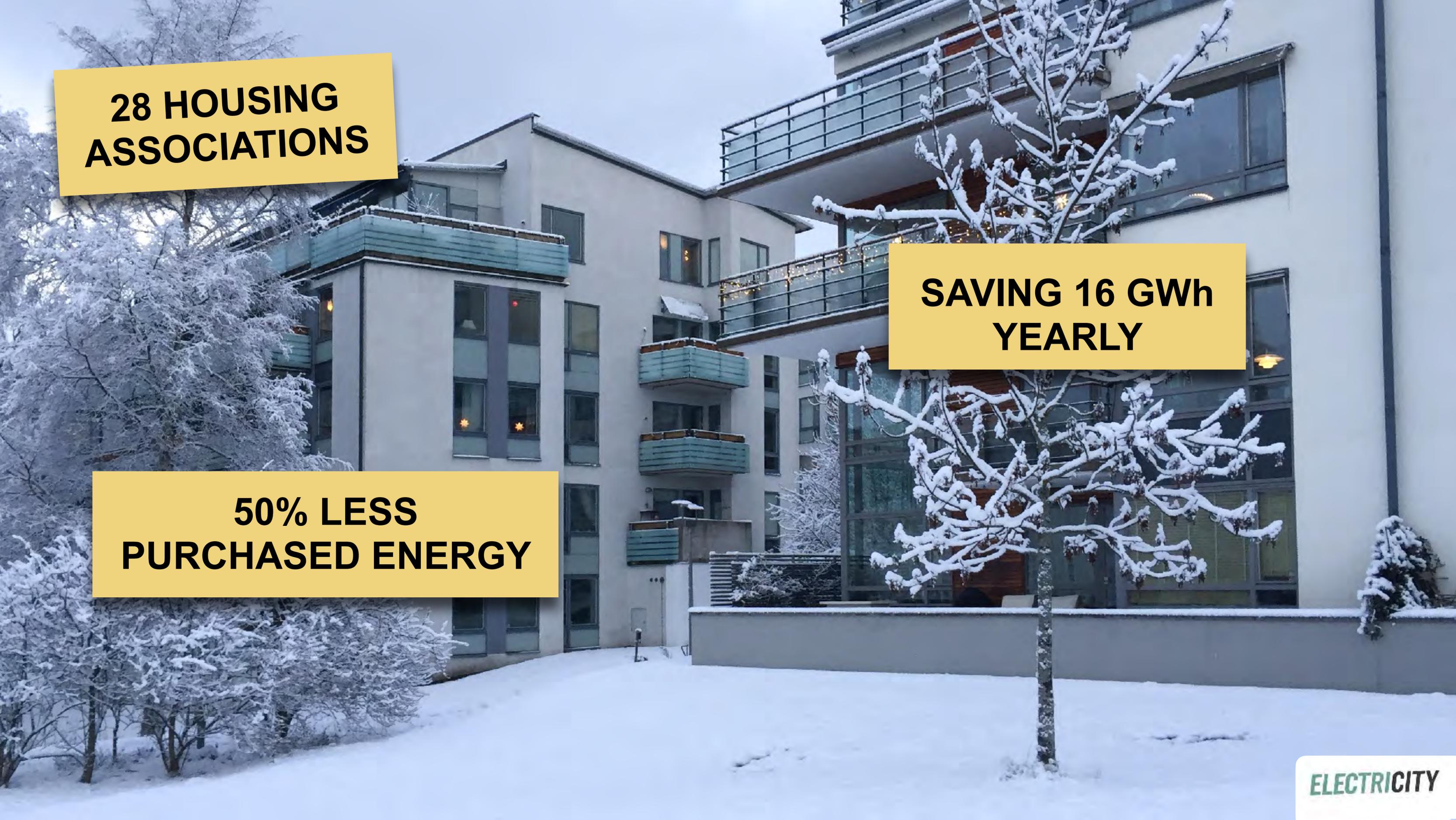
PROJECT MANAGEMENT
FRAMEWORK DESCRIPTION

STRATEGIC  PARTNERING



TURN-KEY
CONTRACTS





**28 HOUSING
ASSOCIATIONS**

**SAVING 16 GWh
YEARLY**

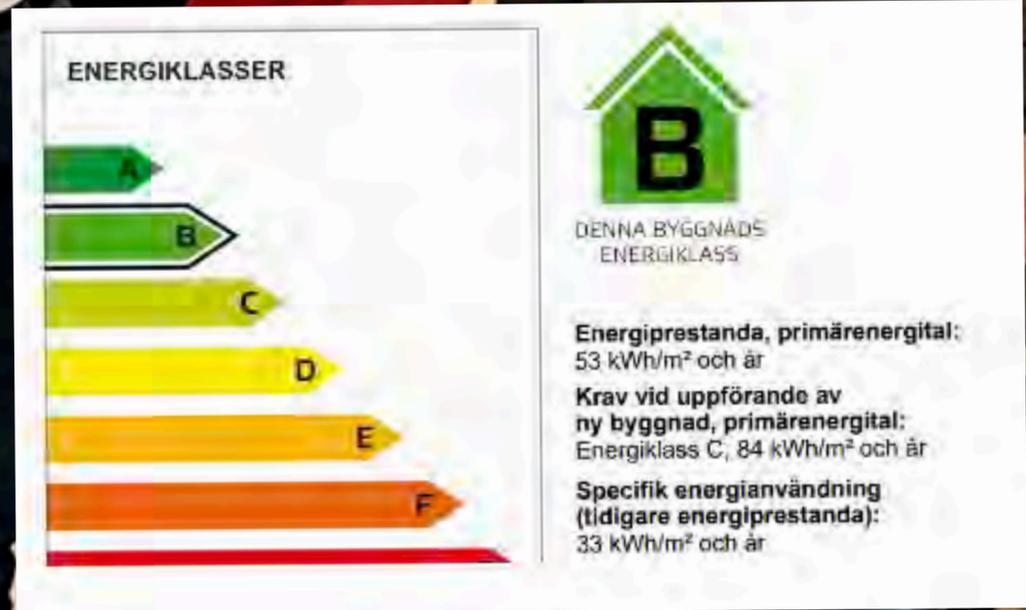
**50% LESS
PURCHASED ENERGY**

ELECTRICITY

IT IS PROFITABLE TO BE CLIMATE SMART!

ENERGY COMMUNITY

ENERGY CLASS JOURNEY



COLLABORATE

COMMUNICATE



AND INSPIRE



ELECTRICITY

**BENEFIT FOR
REAL ESTATE**

**OPERATION-ELECTRICITY IN
CASE OF POWER FAILURE**

**REDUCED
ENERGY COST**

ENGAGEMENT

ELECTRICITY

BENEFIT FOR DISTRICT

INCREASED RESILIENCE

REDUCED POWER REQUIREMENT

**BENEFIT FOR
THE ENVIRONMENT**

**INCREASED RENEWABLE AND
LOCALLY PRODUCED ELECTRICITY**

**REDUCED
ENVIRONMENTAL IMPACT**

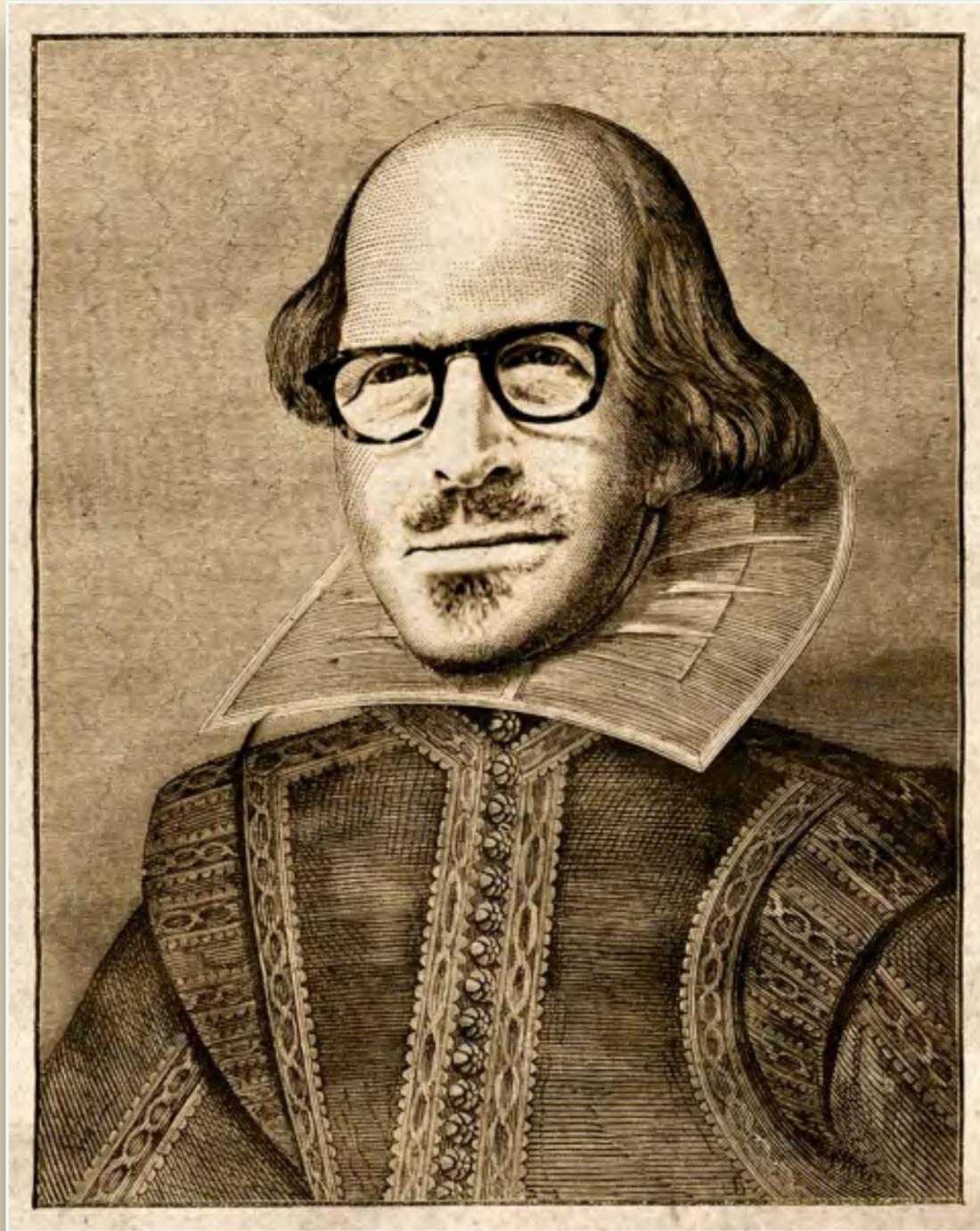
**BENEFIT FOR
SOCIETY**

**GLOBAL
SPREAD**

**A WORKING MODEL
FOR ENERGY COMMUNITIES**

ELECTRICITY





*To engage or not to engage,
that is the question.
Shall we remain passive,
letting opportunities pass by.
Or shall we unite, act together,
and make a difference?*

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