



# SB56 2022

11 June, 2022 - 11.30 - 13.00  
Room: Berlin



## Local Climate Sustainable Energy Solutions in Global Stock Take, 100% RE, Sufficiency: East Africa, South Asia, Europe

Welcome by the organisers INFORSE – SusWatch Kenya, - NFRE – SE - Intro & Moderator: Judit Szoleczky, INFORSE

### Local Solutions in East Africa / Catalogue:

Mary Swai, TaTEDO, INFORSE-East Africa, Tanzania

### 100 % Renewables Scenarios - Kenya

Nobert Nyandire SusWatch Kenya

### Local Solutions in South Asia: India, Nepal, Bangladesh, Sri Lanka. Eco-Village Development Catalogue & Policy Brief

Sanjiv Nathan, INSEDA, INFORSE-South Asia

### Sufficiency - overlooked climate action in Global North

Gunnar Boye Olesen, INFORSE-Europe & SE

### INFORSE-East Africa Proposals for getting local Solutions into GST

Richard Kimbowa, UCSD, INFORSE-East Africa

### Comments

Stephen Nzioka, Ministry of Energy, Kenya

### Dialogue on how to integrate local solutions in GST to strengthen climate action - Questions & Answers

More: <https://inforse.org/SB56.php>

Thanks to support:





**SB56 2022**

**11 June, 2022 - 11.30 - 13.00  
Room: Berlin**



**Local Climate Sustainable Energy Solutions in Global Stock Take, 100% RE, Sufficiency:  
East Africa, South Asia, Europe**

**Emission reductions with energy sufficiency,  
- the overlooked climate action in the global north**  
by Gunnar Boye Olesen, INFORSE-Europe



- Engaged in EU energy & climate policies
- Supporting policies for local energy communities, member of alliance for energy communities,
- Supporting energy efficiency with EU ecodesign regulations,
- Energy scenarios with energy sufficiency
- Organises webinars & seminars,
- New catalogue of local , simple solutions to save energy in towns, by Ukraine coordinator



Home About Contact Us SELNEE Project

What Can You Do:  
- To Save Electricity & Heat  
- To Use Renewable Energy

**Catalogue of Local Solutions**

SAVING ELECTRICITY BEHAVIOUR

- Using natural light when possible
- Switch off lights when they're not in use
- Periodical refrigerator defrosting

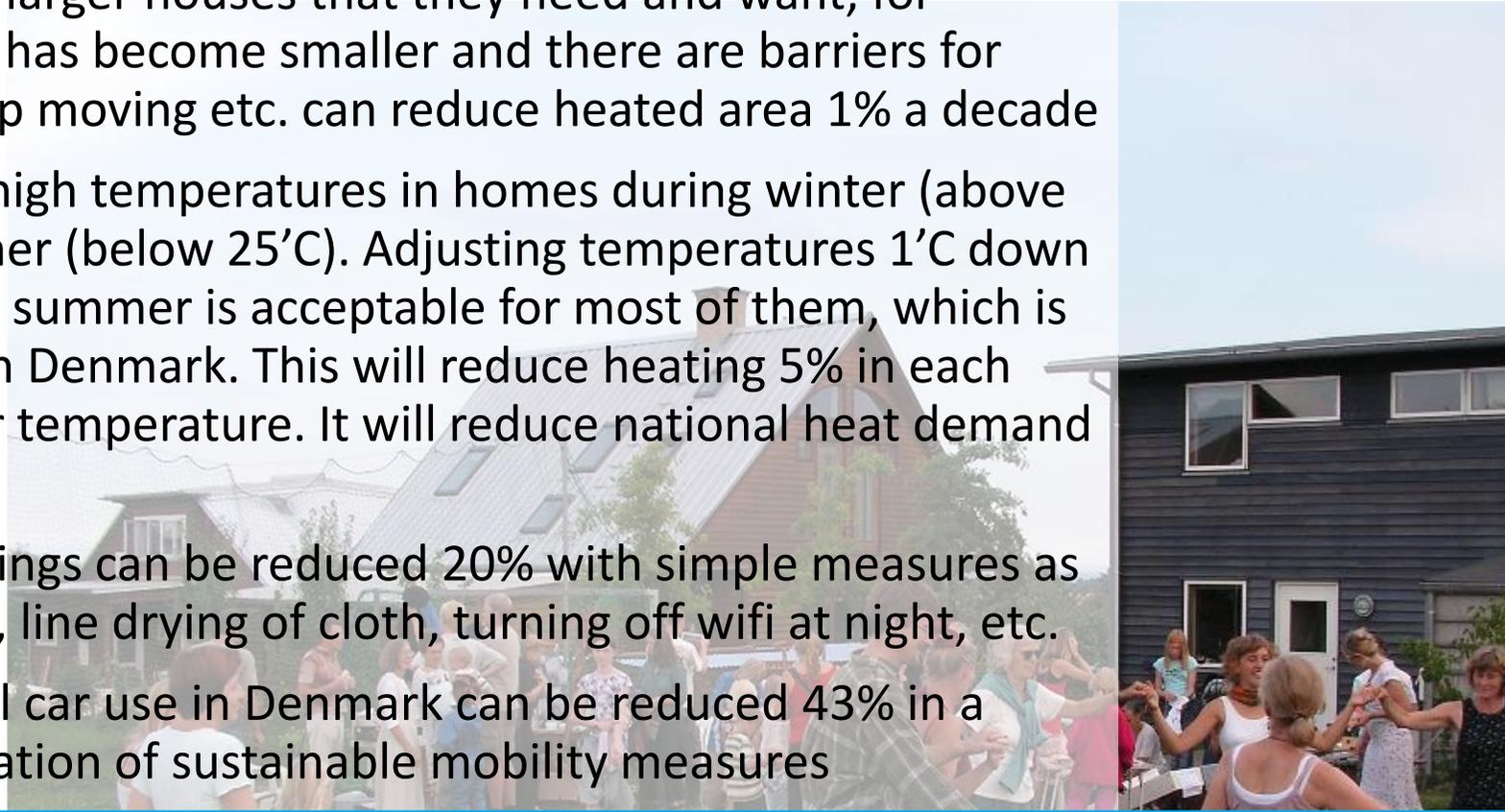
SAVING ELECTRICITY INVESTMENTS

<https://inforse.org/europe/SELNEE.htm>

# Sufficiency

## - change in lifestyles to do better with less

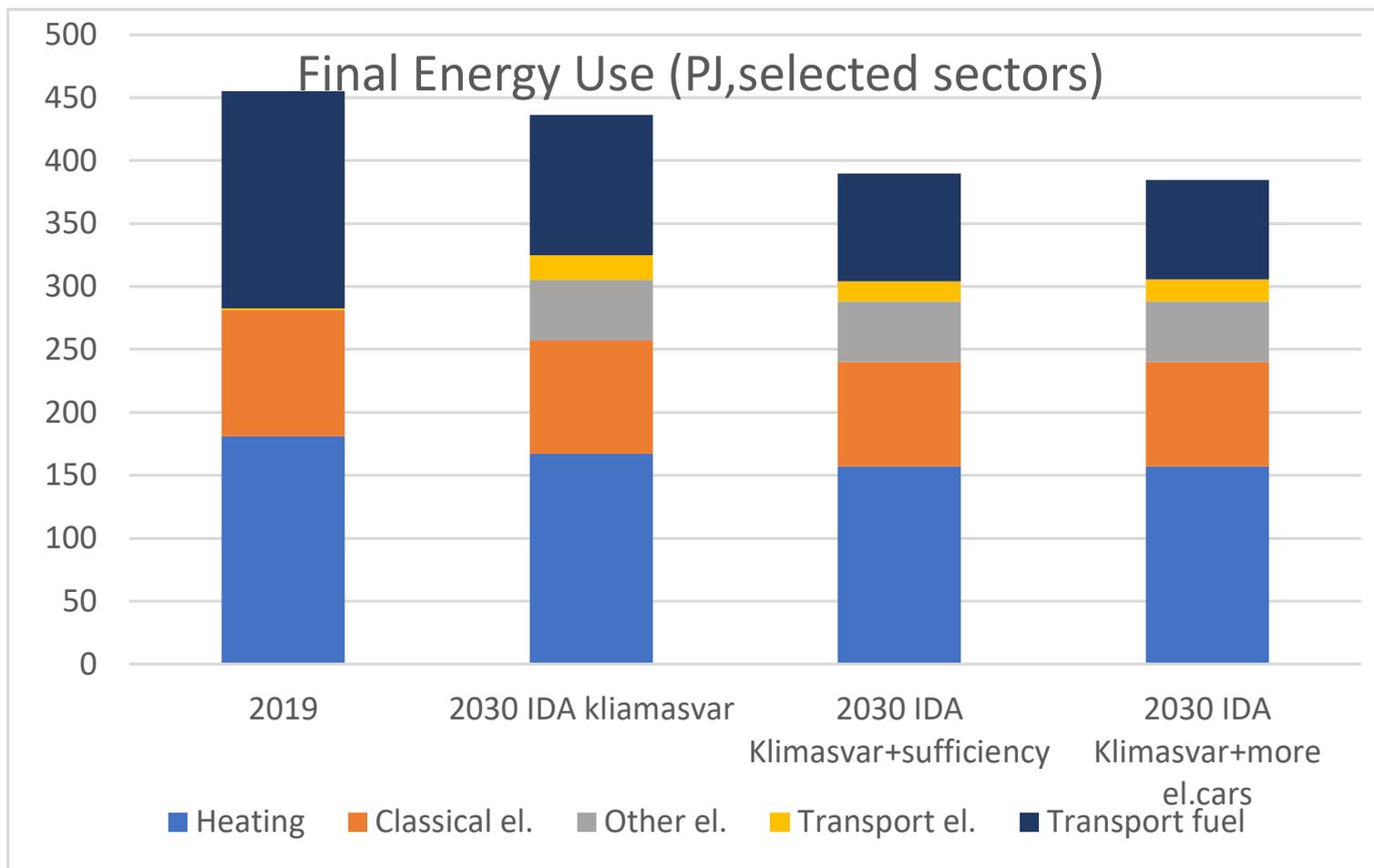
- Many Europeans have larger houses than they need and want, for instance after a family has become smaller and there are barriers for moving. Actions to help moving etc. can reduce heated area 1% a decade
- Many European have high temperatures in homes during winter (above 21°C) and low in summer (below 25°C). Adjusting temperatures 1°C down in winter and 1°C up in summer is acceptable for most of them, which is 33% of the dwellings in Denmark. This will reduce heating 5% in each dwelling with 1°C lower temperature. It will reduce national heat demand with 1.7%.
- Electricity use in dwellings can be reduced 20% with simple measures as filling washing machine, line drying of cloth, turning off wifi at night, etc.
- For transport, personal car use in Denmark can be reduced 43% in a decade with a combination of sustainable mobility measures



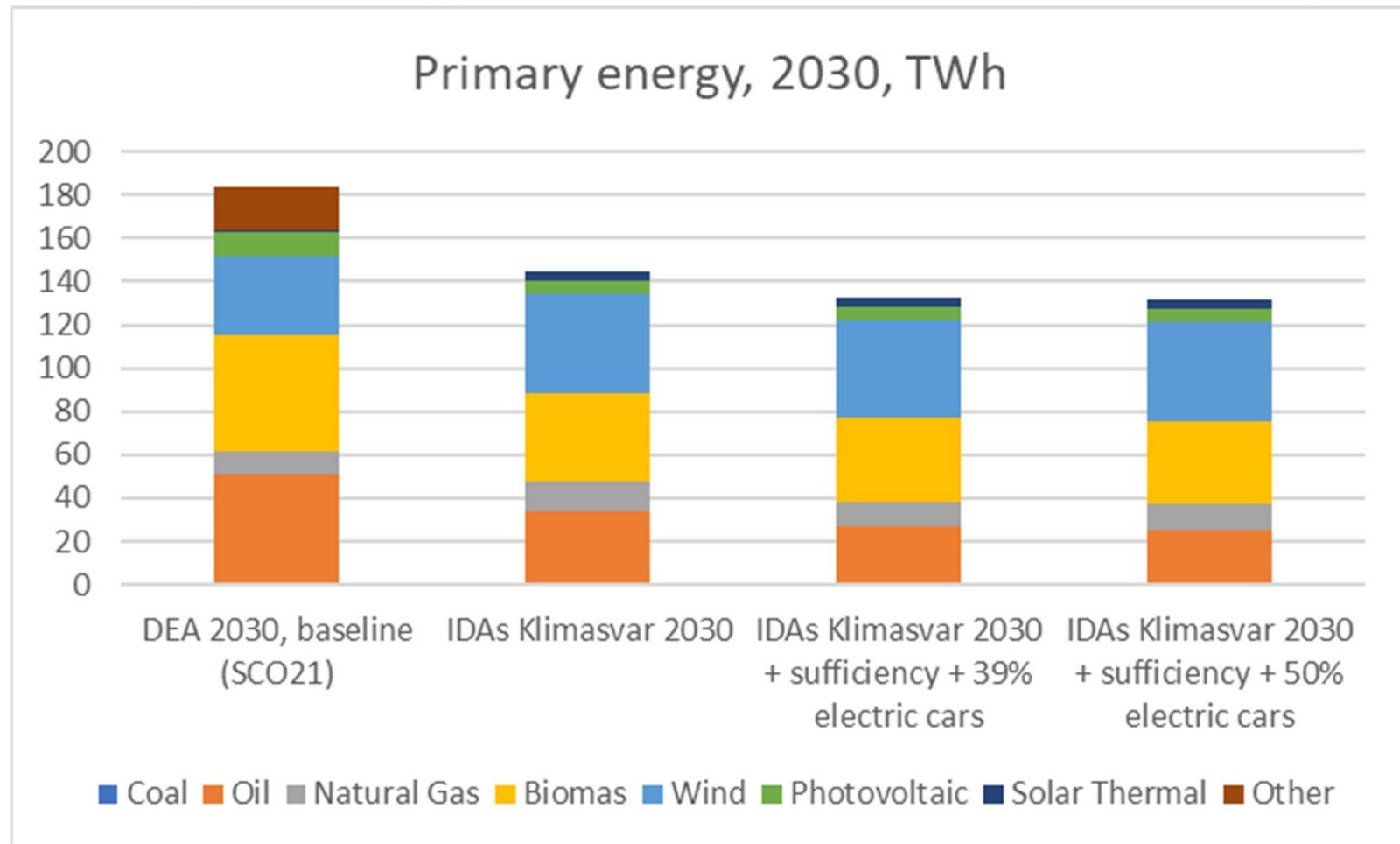
# Main Proposed Measures for Sustainable Mobility

- Improved railways with frequent trains on most lines,
- Develop railway stations into mobility centres with good opportunities to change
- Better opportunities to carry bicycles in trains and buses
- Urban planning with
  - less space and less parking for cars in cities,
  - the principle of having most functions available within 15 min by bicycle and
  - “traffic islands” in cities, with only one car entrance
- Super bicycle paths for distances 4-20 km that are particular popular for users of electric bicycles.
- General reduction of road speed, motorway speed 100 km/h and urban speed to 30 km/h
- More expensive parking
- Increase use of car sharing, support of car-sharing associations etc.
- Reform of ticket prices on public transport to reduce prices on longer distances,
- Reduce state subsidies for commuting,
- Roadpricing is introduced for cars.
- Employers should be allowed to give bicycles to workers without taxation

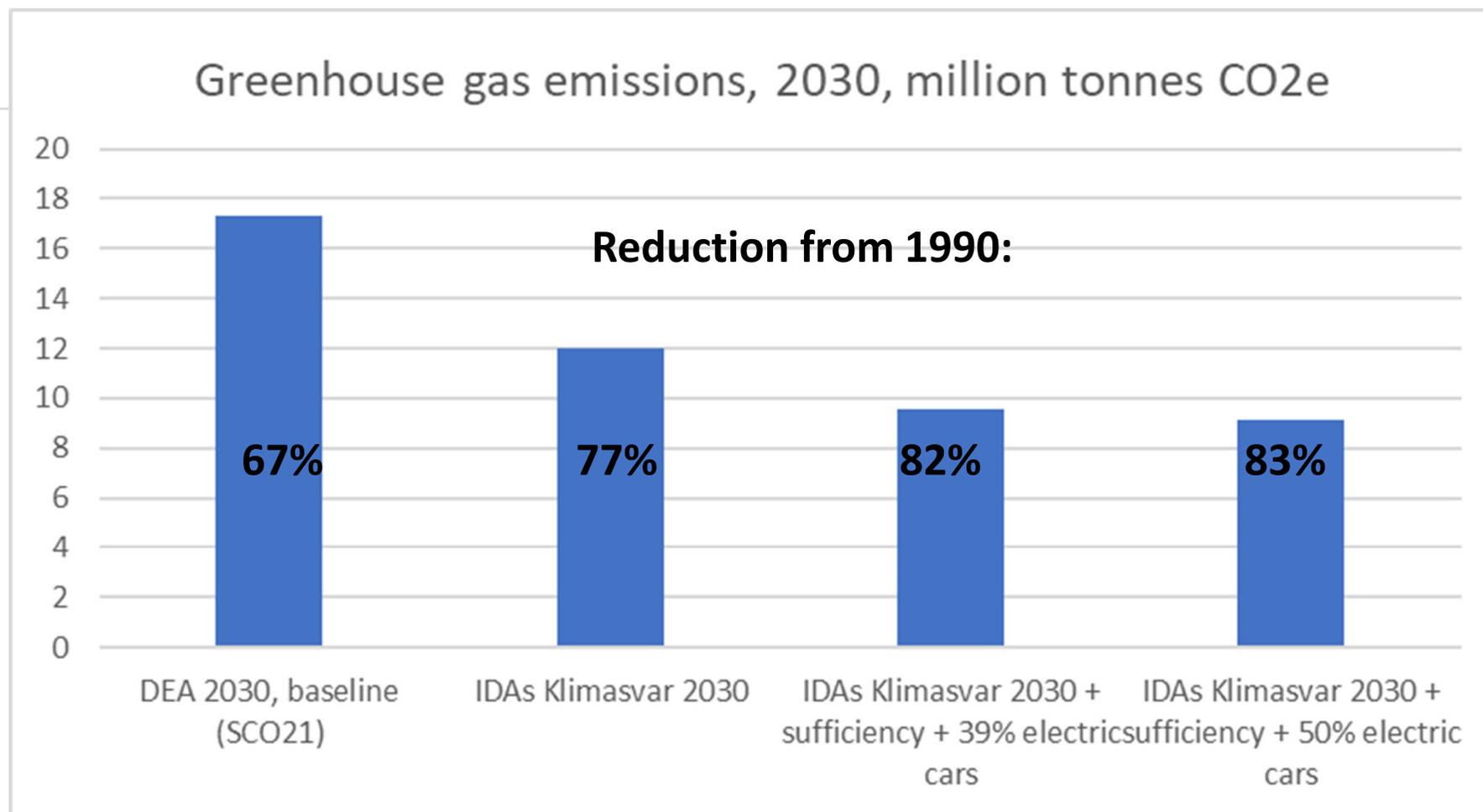
# Sufficiency Reducing Final Energy Use, Denmark



# Danish Primary Energy, calculated with Energy-Plan



# Results of Energy Scenario: Energy Emissions



All countries can do more  
– addressing lifestyle in a constructive way is one of the ways in developed countries  
This should be captured in GST recommendations. It is recognised by IPCC 6th AR while missing in NDCs.

Thank you

More info: [www.inforse.org/europe](http://www.inforse.org/europe)



Relevant websites:

[inforse.org/europe/Energy-Sufficiency-Project.htm](http://inforse.org/europe/Energy-Sufficiency-Project.htm)

[inforse.org/europe/FULFILL.htm](http://inforse.org/europe/FULFILL.htm)

Proceedings: [www.inforse.org/SB56.php](http://www.inforse.org/SB56.php)