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One target for all

The 2000-Watt-Society
Framework for Minneapolis

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One target for all

Global Equality and Fairness

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1 ton of CO₂
per person per year

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One Strategy for all

a sustainable footprint

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**2000 Watt of
source energy
per person per year**

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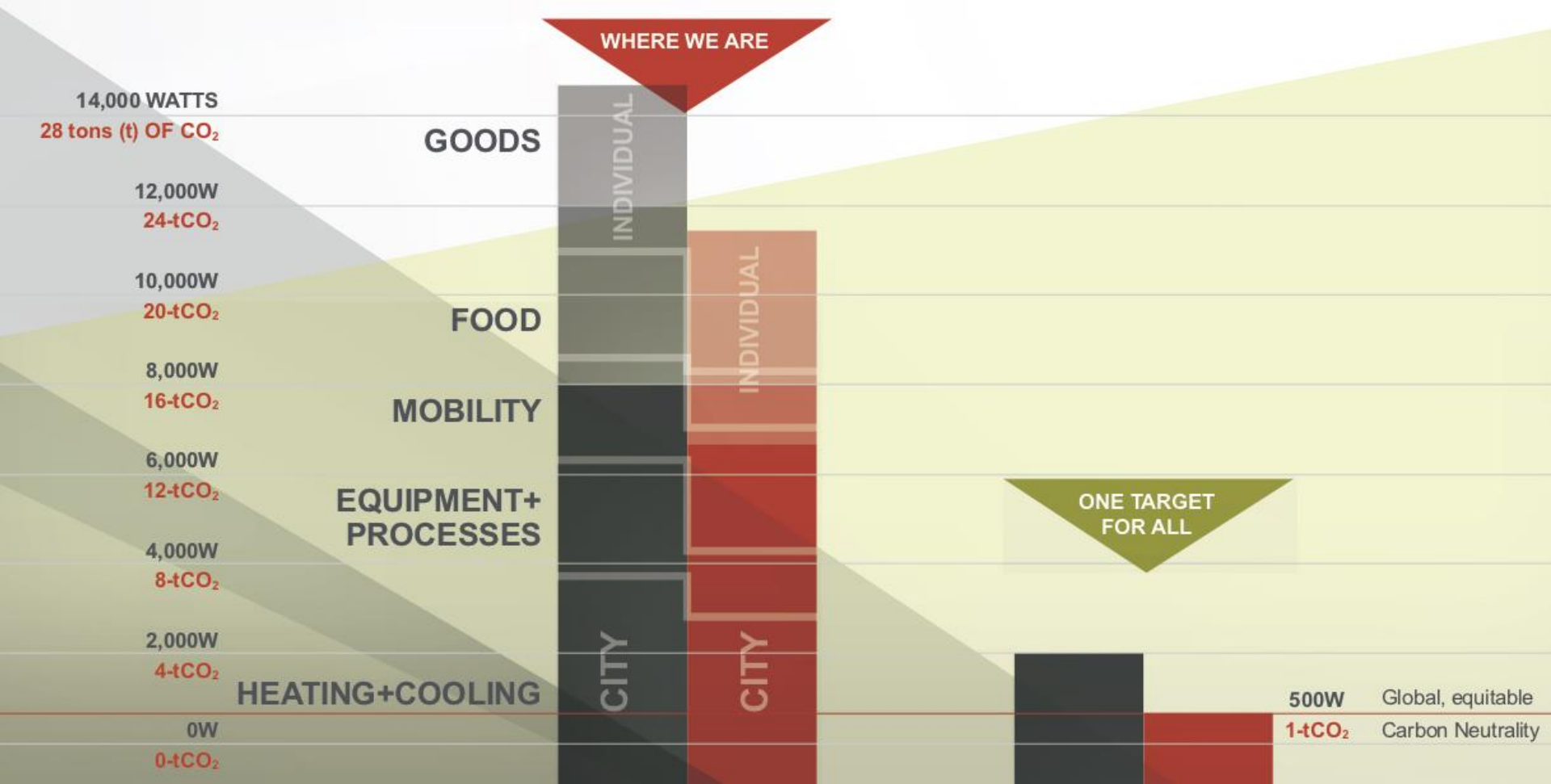
One Tactic for all

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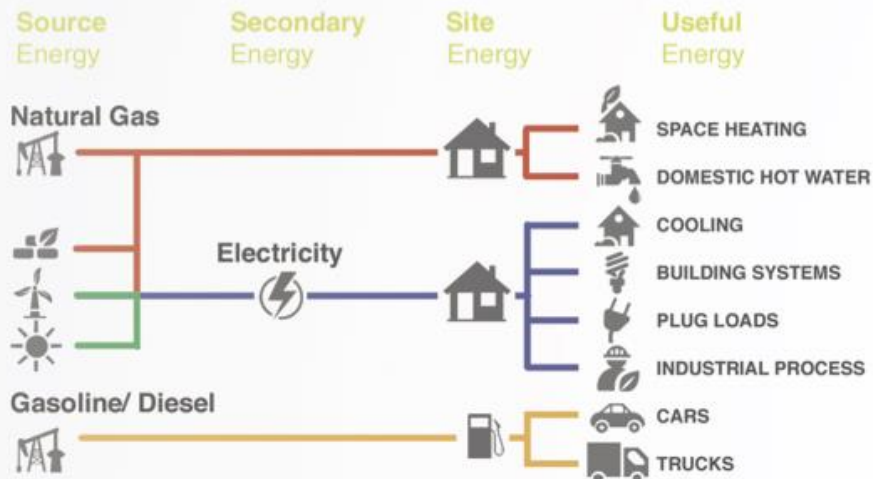
1. Efficiency
2. Sufficiency
3. Clean Energy

Minneapolis Data

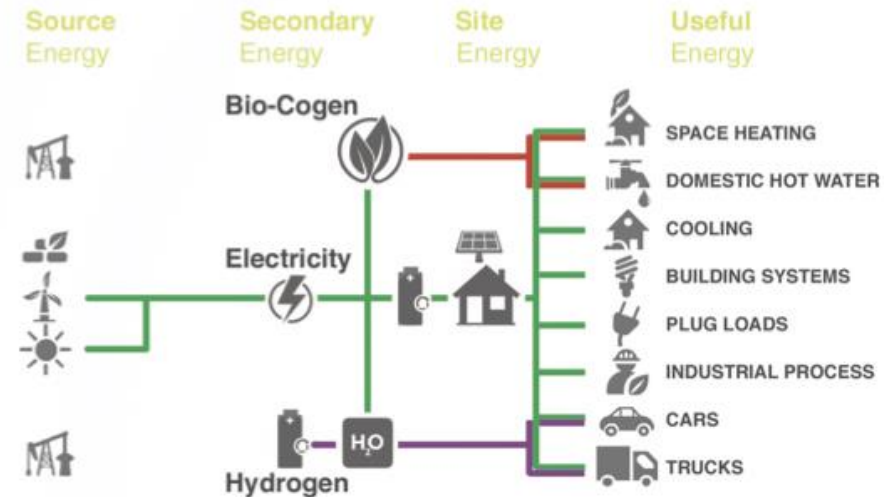


Clean Energy Infrastructure

ENERGY SUPPLY INFRASTRUCTURE TODAY



ENERGY SUPPLY INFRASTRUCTURE TOMORROW



Building Heating + Cooling

45% of Energy Consumption with Efficiency
Opportunity of 90%

Proposed Actions:

- Pilot projects
- Set policies
- Explore and set up funding
- Roll out and increase refurbishment rate

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2000
watt
SOCIETY
One target. Our community. Stepping up now.



Elliot Pilot Ultra Efficient Housing



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Façade Design Panel



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Integrated Photovoltaic



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Main Entrance



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Kitchenette Module



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Built-in Casework



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Ultra Efficient Building Envelope



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Ultra Efficient Mechanical Systems



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Ultra Efficient Electrical Systems



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Learning from Minneapolis

- 1) Eliminate fossil fuels
by following what IPCC Scenario
- 2) Reduce the energy footprint
to 2000-Watt per person
- 3) Implement the 2000-Watt Tactics
1) Efficiency, 2) Sufficiency and 3) Clean energy infrastructure
- 4) Start with pilot projects
to verify targets and define clear implementation measures
- 5) City own projects must meet these goals
and/or funded