

Super Local - Companies and Territories: The New Global Order



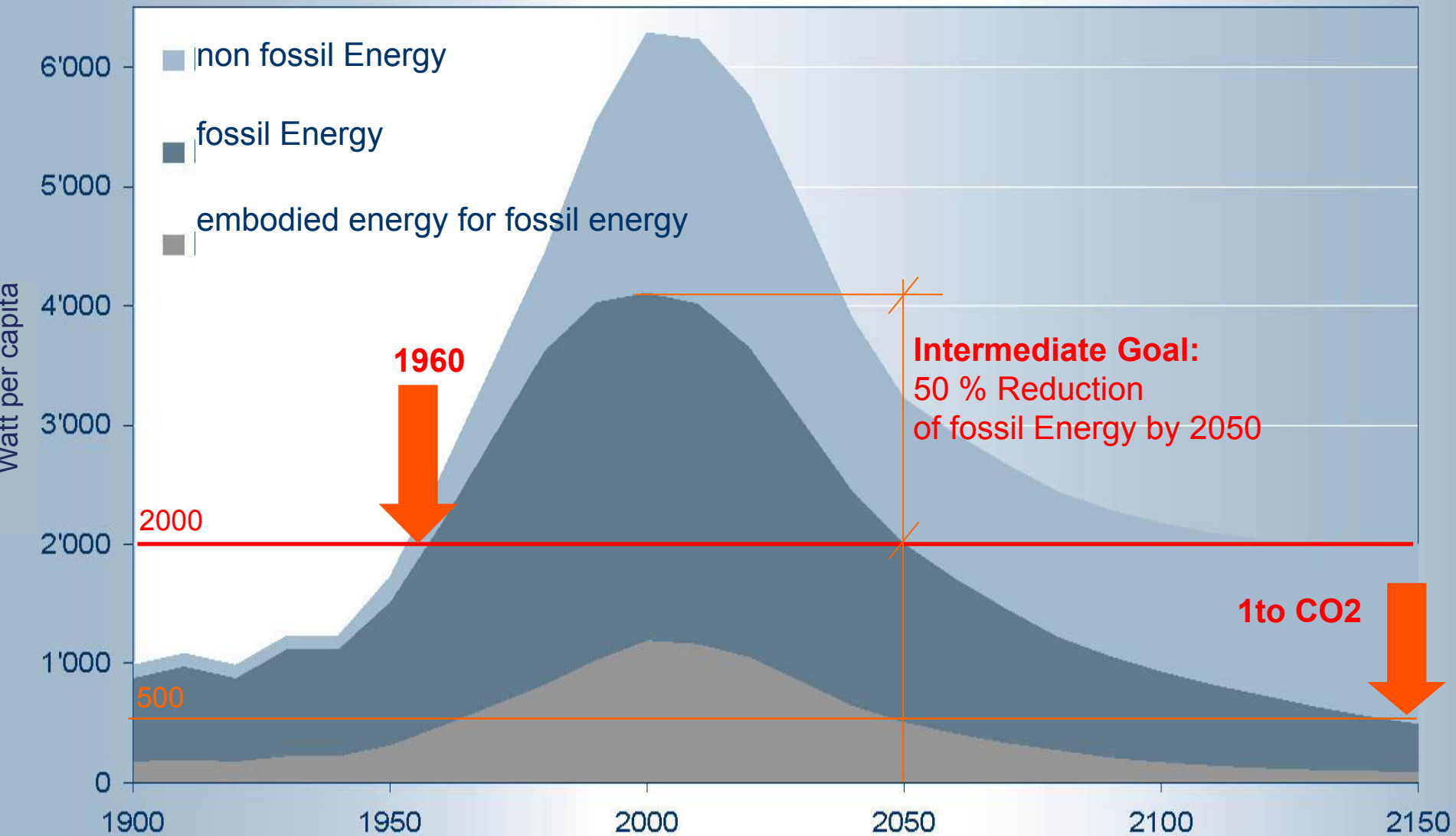
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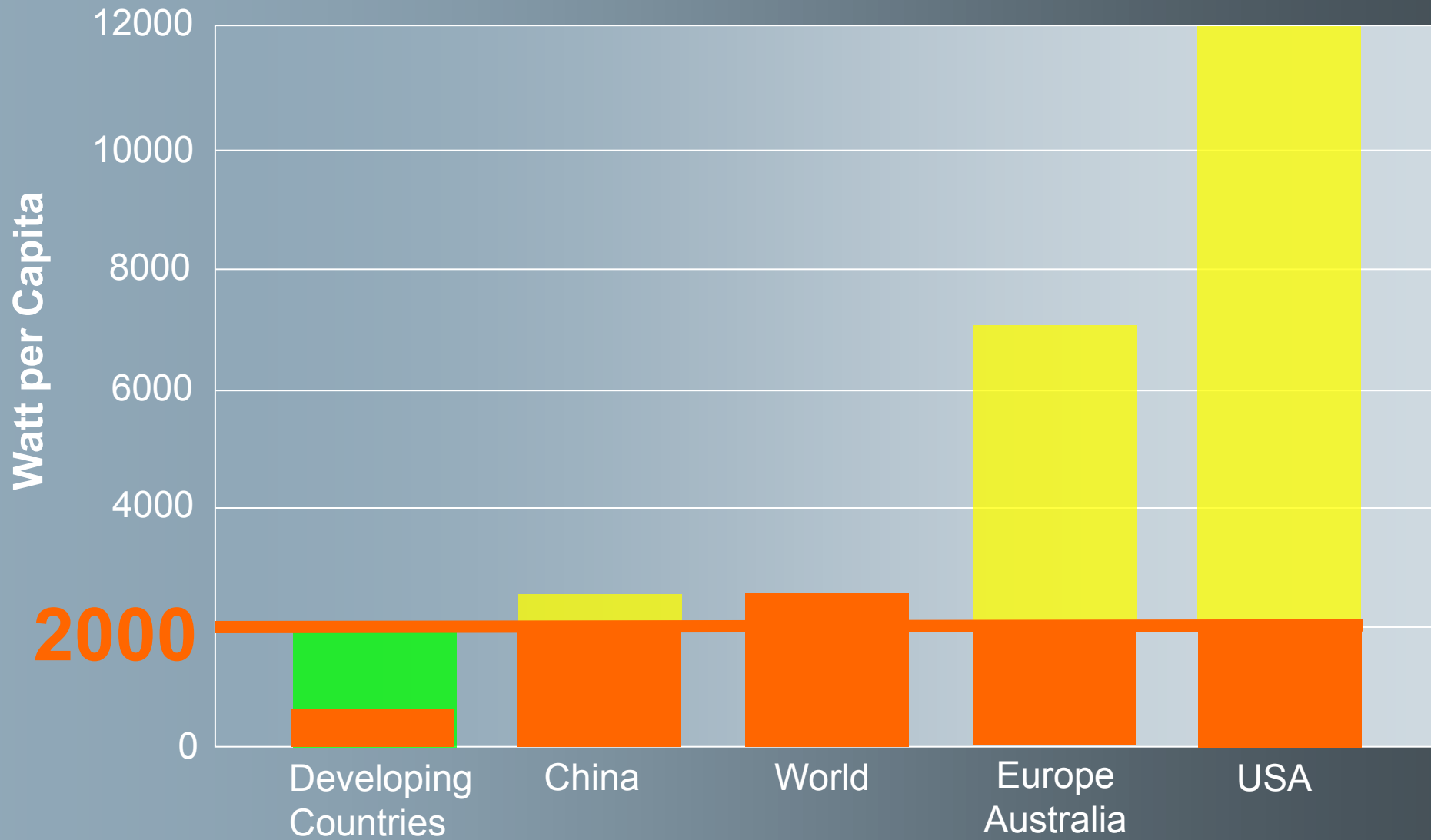
The 2000 Watt Society: From Academic Theory to a National Sustainability Programme

Roland Stulz, Architect
Founder 2000 Watt Society
Lille, 16th October 2018

500 Watts/Person = 1 to CO₂/Person*Year



Natural Resources: 2000 Watts for all Nations



Starting with Pioneers: Partnerships for Sustainability



Basel

**2000-Watt
Novartis Campus**



**Hy-Light
H2 concept car**



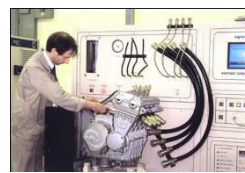
**CLEVER
Low Emission
Biogas car**



**Sustainable
ETH Sience City**



**Worlds cleanest
Diesel Truck
Engine**



**Zero Carbon
EAWAG
Headquarter**



**Zero Carbon
Hospital**



**Erlenmatt
2000-Watt
Housing**

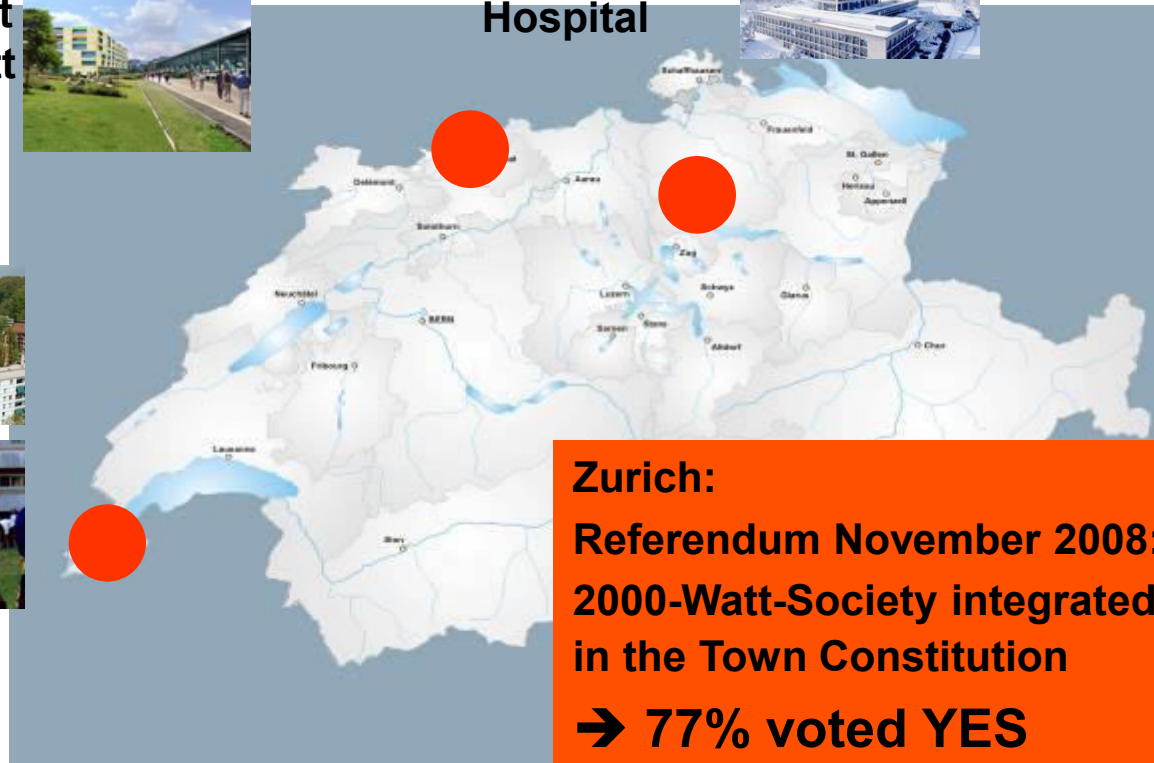


Geneva

**Sustainable
Neighbourhoods**



**Health and
Happiness**



**Zurich:
Referendum November 2008:
2000-Watt-Society integrated
in the Town Constitution
➔ 77% voted YES**

Motivation through Beacon Projects



Neubau der Forschungsanstalten



Stadtspital Triemli, Zürich



DB-Areal (Erlenmatt), Basel



Eulachhof, Winterthur

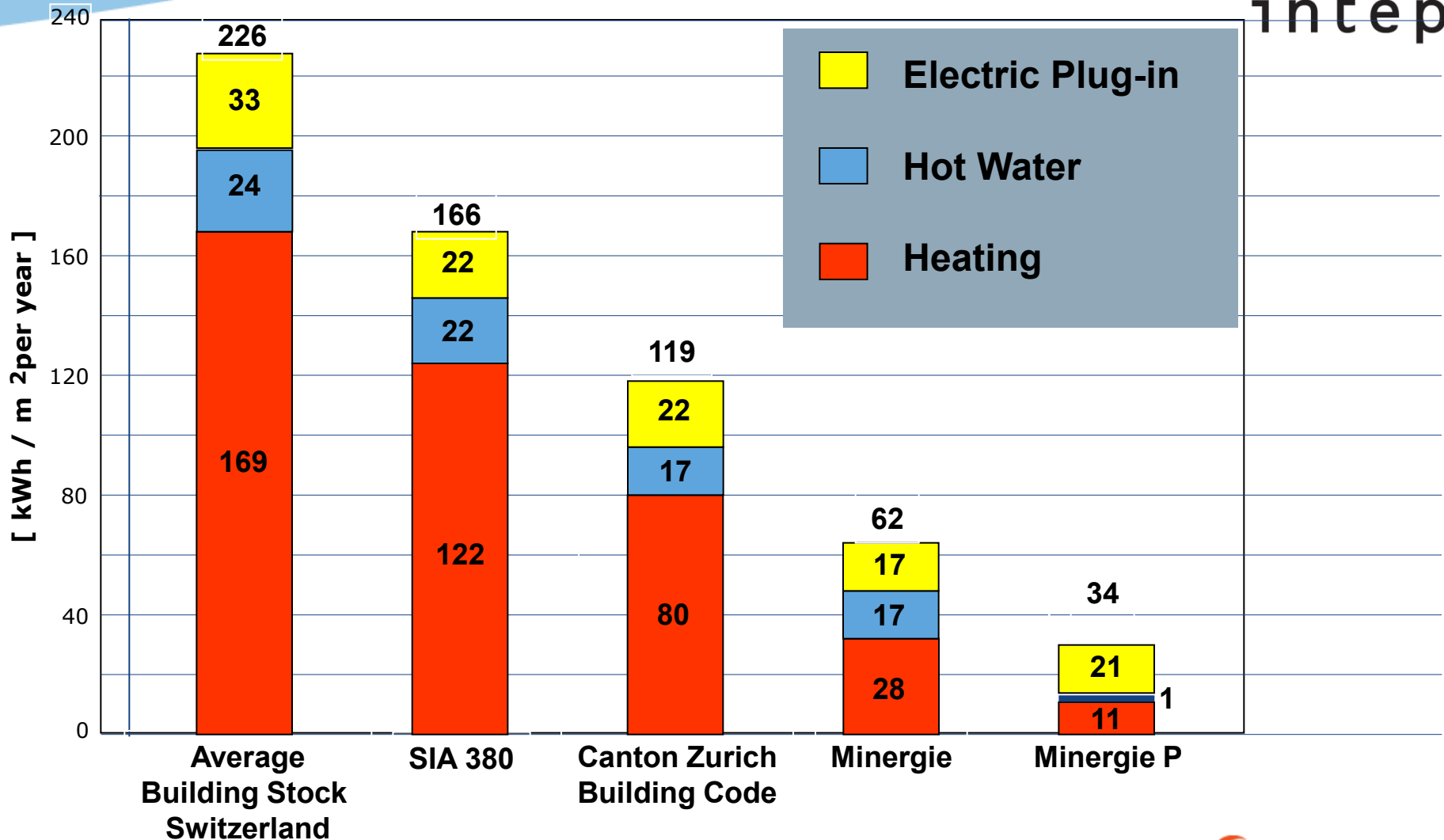


Novartis Campus des Wissens



Science City, ETH Hönggerberg

Energy Efficiency in new Buildings: Factor 10



Le «2000 watts Neighbourhood» Certificat

Buildings, Mobility, Nature, Society, Democracy



SuisseEnergie pour les Communes



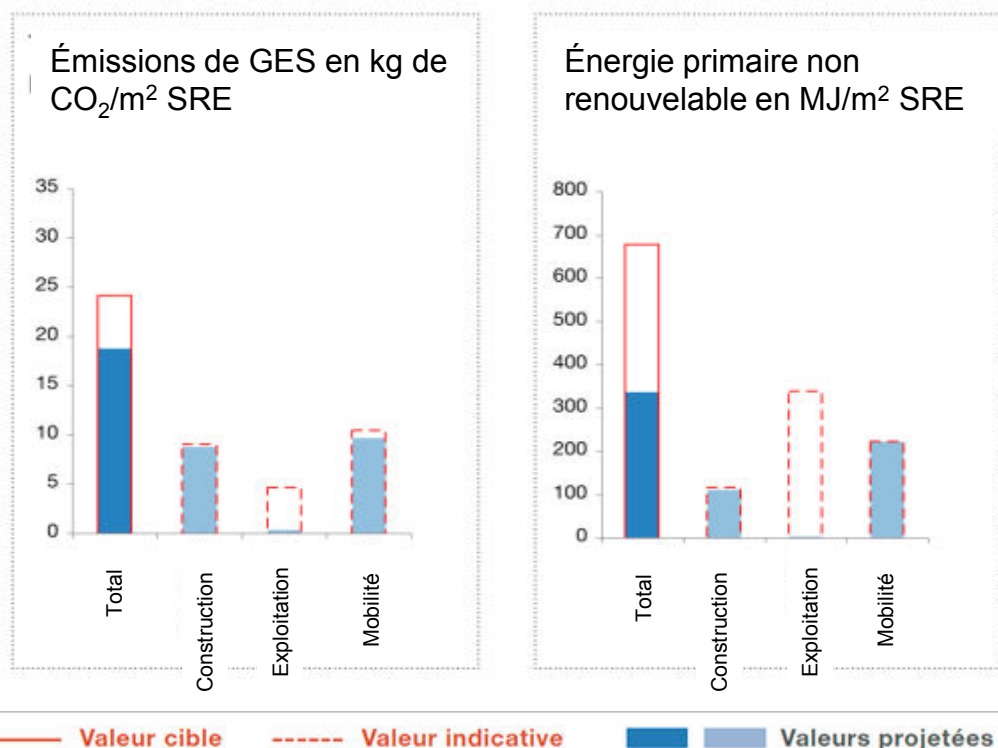
Un projet réalisé sur mandat de SuisseEnergie

The 2000 Watts Neighbourhood

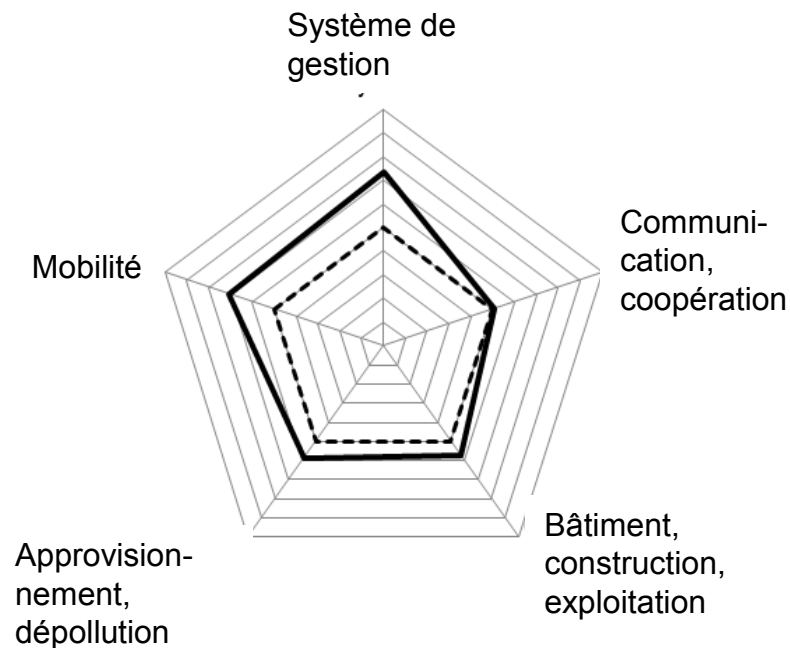
Resultats of the Certificate

Greencity, Zurich.
Masterplan

Balance



Process



2000 Watt Society: Active on five Levels

→ Individual

2000 Watts Lifestyle Stories
'Lebensmodelle'



→ Single Buildings

SIA 2040 Guideline
'2000 Watts Efficiency Path'



→ Neighbourhoods

2000 Watts Neighbourhood
Certificate



→ Towns

EnergyCity on the Way to the
2000 Watts Society

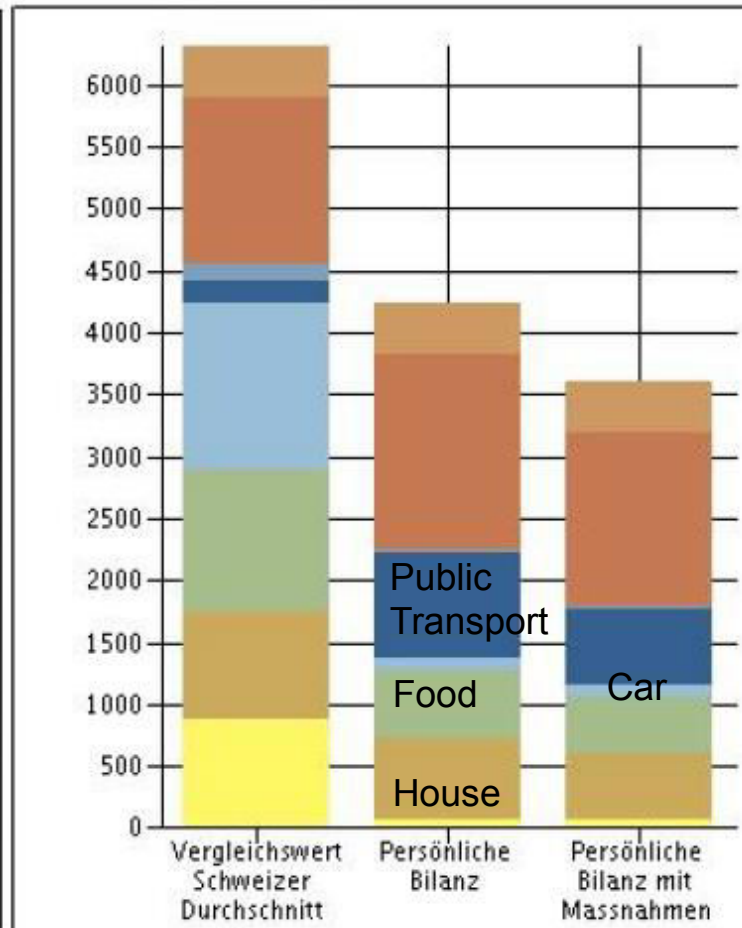
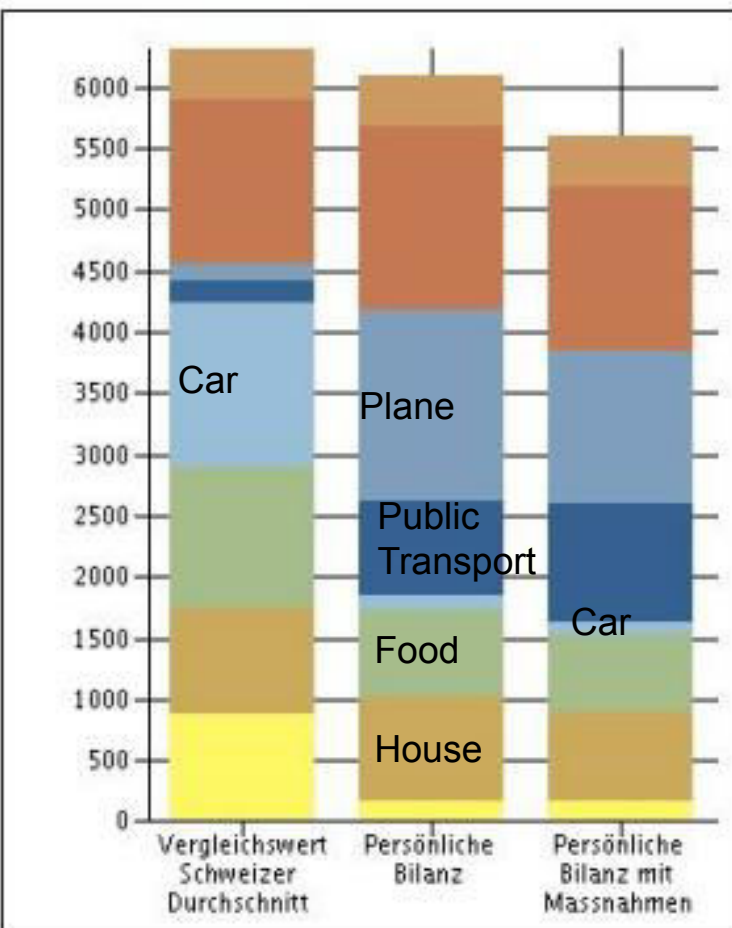


→ Cantons, Regions

2000 Watts Regional Calculator



Calculate your personal Energy / CO2 Balance



Kategorie		
Heizen	😊	Yellow
Wohnen	⚠️	Orange
Ernährung	⚠️	Green
Privatfahrzeuge	🔴	Light Blue
Öffentlicher Verkehr	🔵	Dark Blue
Flugreisen	🔴	Teal
Diverser Konsum	⚠️	Brown
Öffentlicher Konsum	⚠️	Orange
Summen:		

www.ecospeed.ch/privat

The Race against Climate Change



- stimulates innovation
- offers market leadership opportunities for industry and service providers
- Is a Platform for Pioneers

Thank You

www.2000watt.ch

