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# Kyoto Protocol, Paris Accord and local Climate Policies

Sustainable civil society dialogue  
for sustainable development (SCSD-SD)

Dr. Karl-Ludwig Schibel,  
Climate Alliance Italy

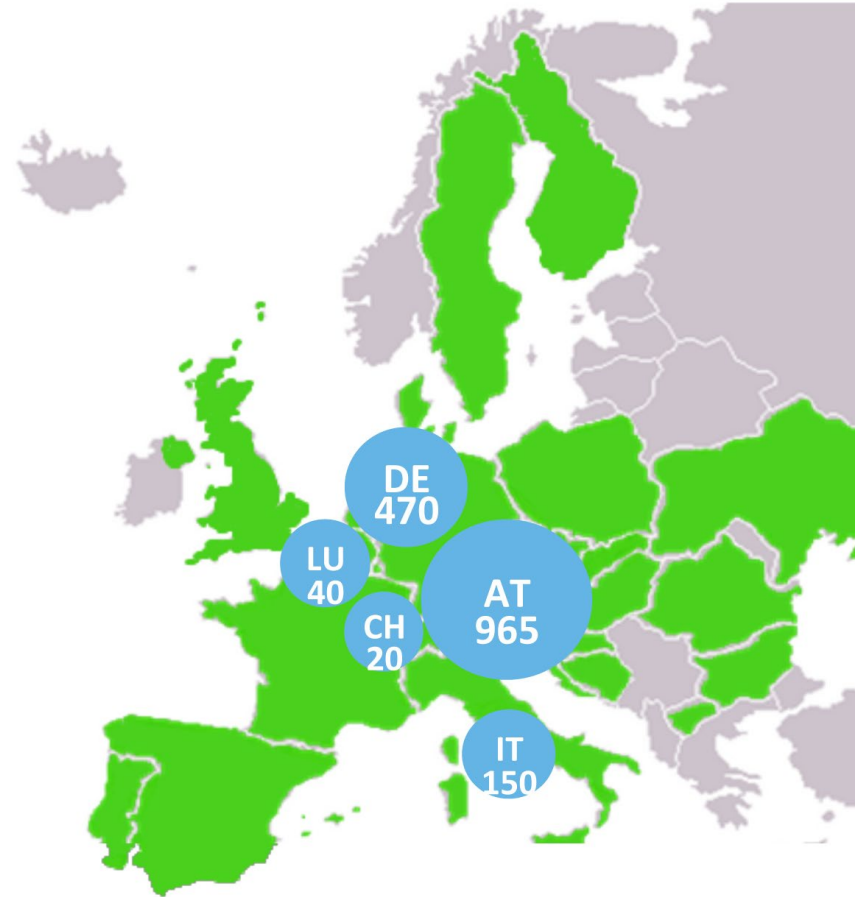


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# Climate Alliance's members

> **1.757** Members  
in **26** European  
countries

Representing **87** million  
inhabitants → **22 %** of  
EU population





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# Climate Alliance's Commitments

1

**Reduction of CO<sub>2</sub> emissions by 10% every 5 years** and halving per capita emissions by 2030 (from a 1990 baseline)

→ **Climate Alliance is the only European local government network with a quantitative target**

2

**Cooperation with the indigenous peoples from the Amazon** for the protection of the tropical rainforests

→ **Climate Alliance members take global responsibility**



Climate Alliance resolution on a strong and ambitious EU 2030 framework for climate and energy policies (40% increase in EE and 40% RE share) adopted in May 2014.



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# Paris – a huge step forward

- The glass half-full, the glass half empty, the glass is leaking
- The UN delivered the best accord conceivable
- Paris doesn't guarantee anything, it improved the probabilities







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# The 1.5 – 2 °C goal – a guardrail

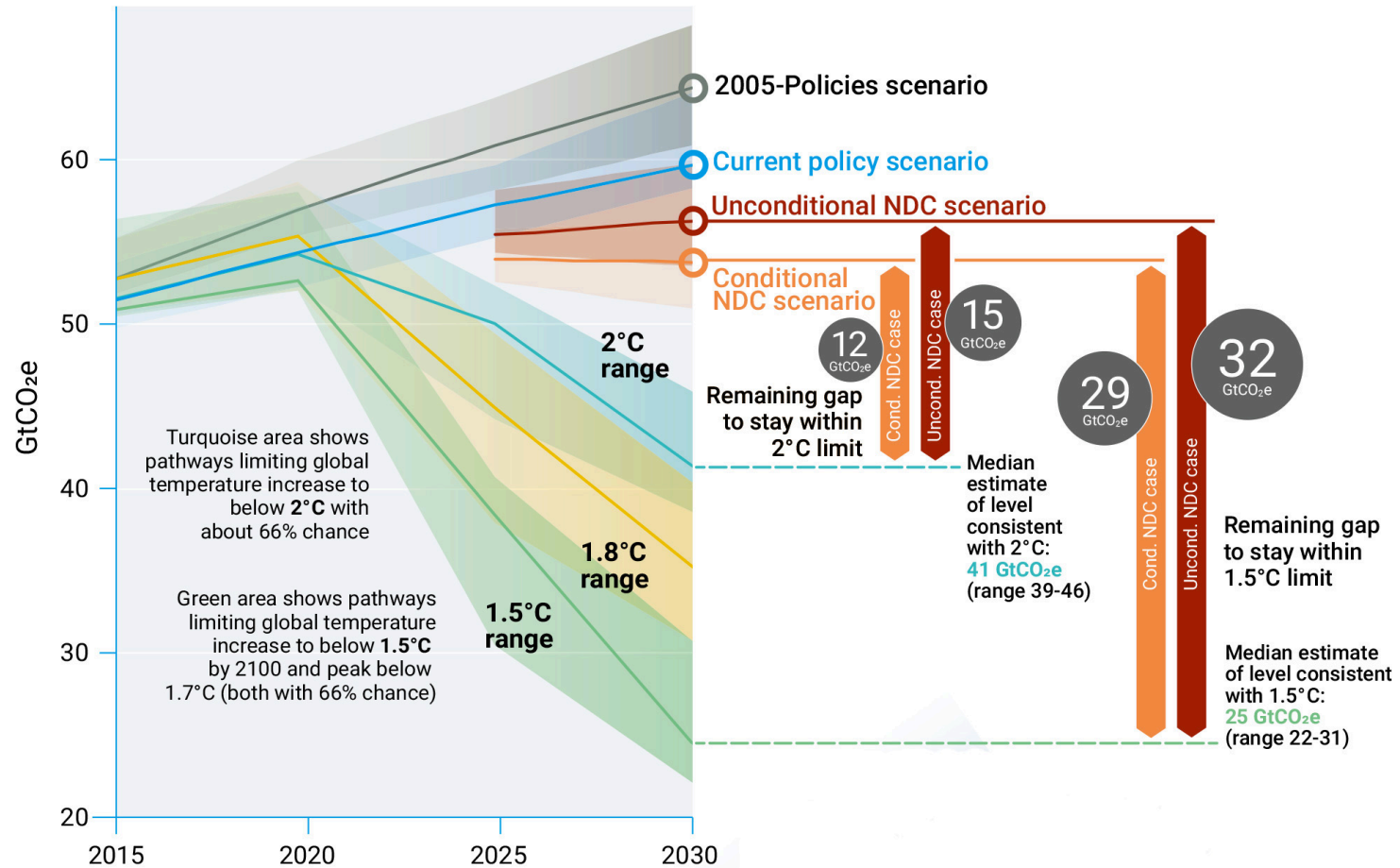
The Copenhagen Accord (2009) declares that deep cuts in global emissions are required “*so as to hold the increase in global temperature below 2 degrees Celsius*”.

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# What needs to be done – closing the gap



Source: UNEP (2019), Executive Summary of the Emissions Gap Report

# How to fill the gap – the framework: SDGs

## SUSTAINABLE DEVELOPMENT GOALS





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# CO<sub>2</sub> reduction guiding variable

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# The Actors



# Combination of actors and drivers

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- Top-down: UN, World Bank, EU, big nations, mega-cities, the pope, big business
  - Bottom-up: Social movements, local governments, civil society, global middle- and upper-class, grassroots innovators and entrepreneurs.
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# At the local level: integrated sustainable development





# Local Climate Policy of Città di Castello

Piano d' Azione per l' Energia Sostenibile  
Sustainable Energy Action Plan



Comune di Città di Castello



AGENZIA  
FIERA DELLE  
UTOPIE  
CONCRETE



Alleanza  
per il Clima  
Italia onlus



Covenant  
of Mayors  
Committed to local  
sustainable energy



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# Monitoring emissions

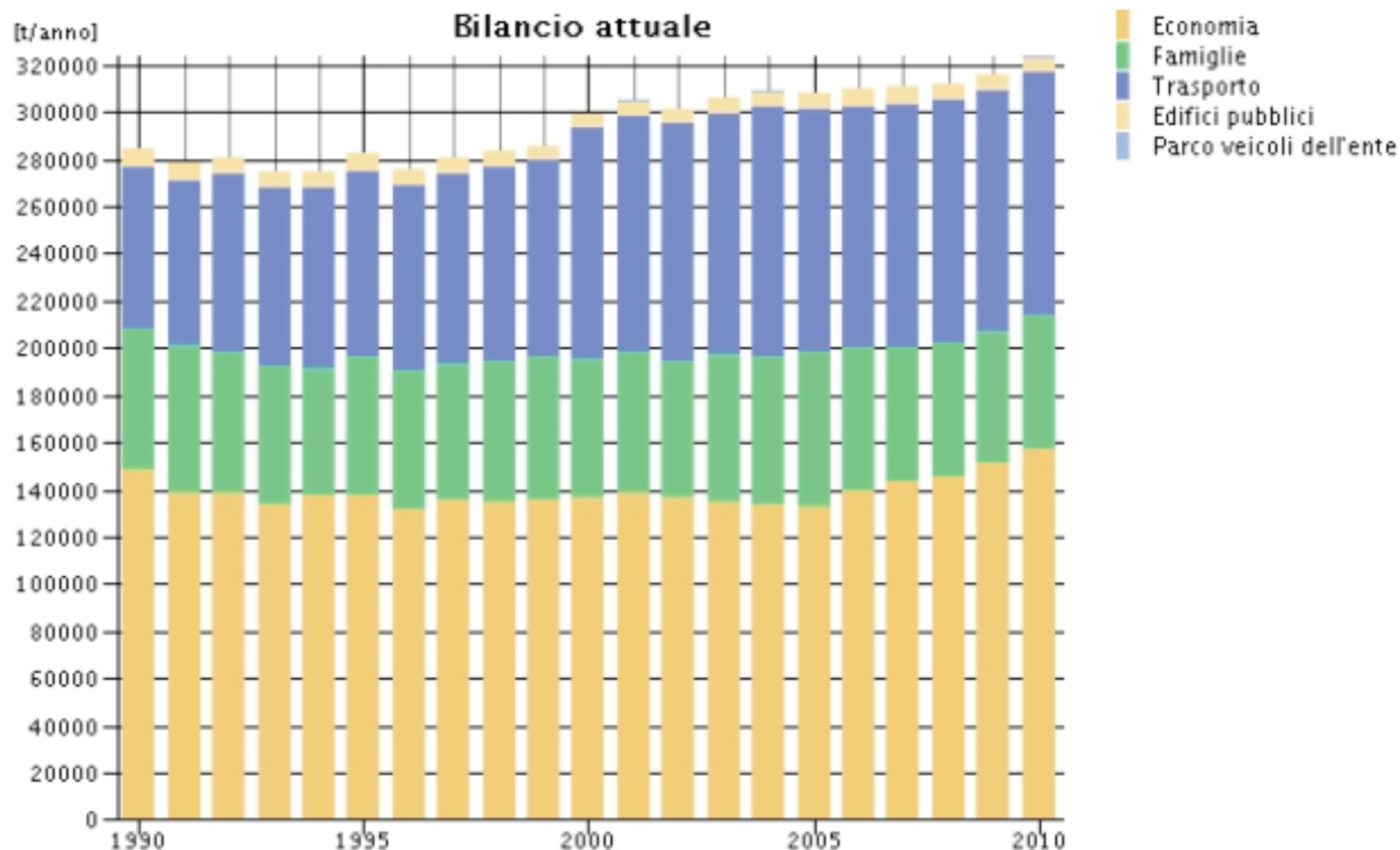


Fig. 8 - Emissioni di CO<sub>2</sub> totali del territorio nel Comune di Città di Castello (con fattori LCA) suddivise per settori di consumo (1990-2010)

# Investing together in solar energy



Photo: "Solarstrom-Betreibergemeinschaft Wildermuth-Gymnasium Tübingen GbR"



# Energy efficiency in the existing building stock

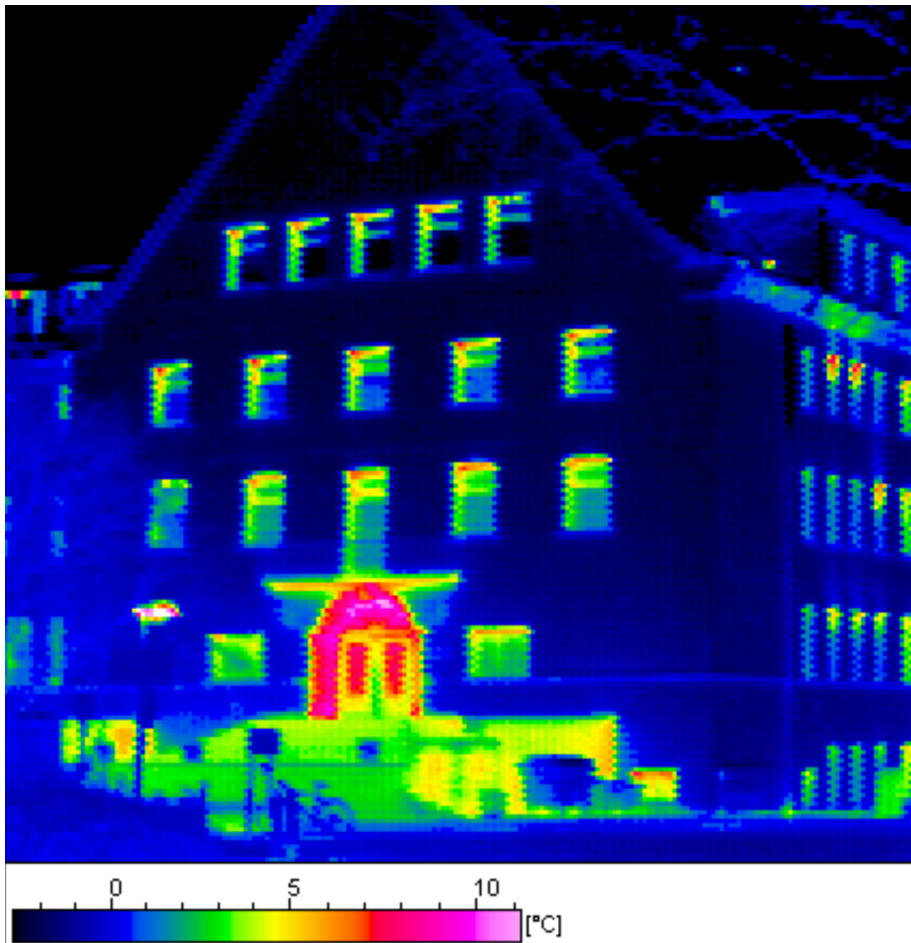


Photo: University town Tübingen



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# Cogeneration



Photo: Stadtwerke Tübingen



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# Climate and sustainable development: mobility



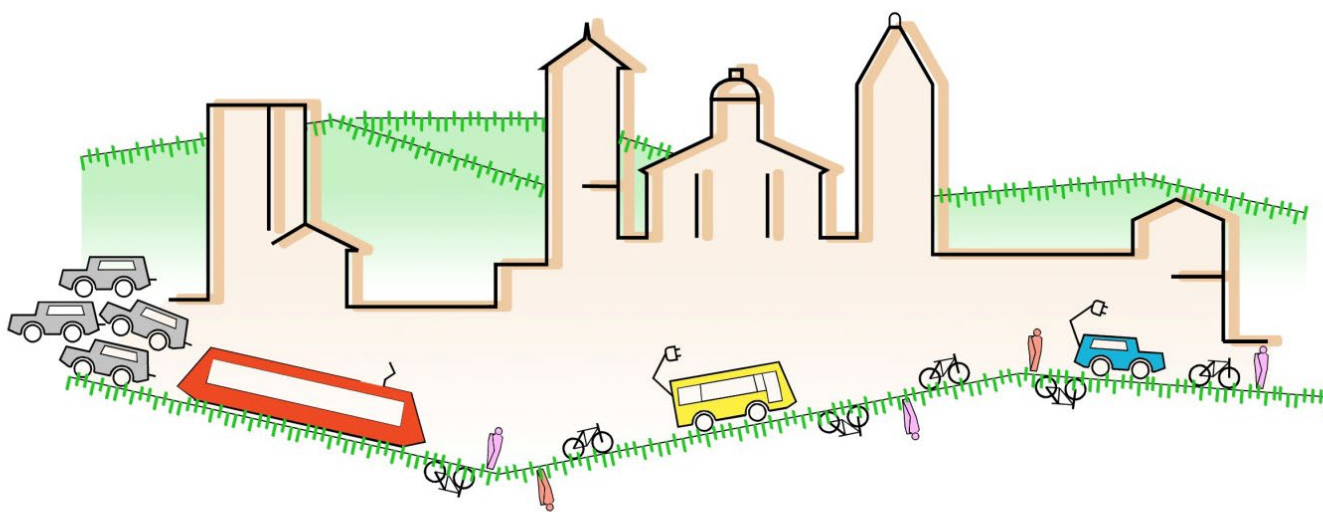




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# Sustainable Urban Mobility Plan

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## PUMS CITTÀ DI CASTELLO

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# Sustainable urban development

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# Urban green – to mitigate and to adapt

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# It's the local development

.....communicating to people about actions that are local and regional, like increasing accessibility to public transportation, making communities safer and easier to walk in, or making fruits and vegetables more affordable... These are the kinds of things people will want to invest in, not because they offer a long-term climate change benefit but because they improve the community and quality of life in general.

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Matthew Nisbet ([climateshiftproject.org](http://climateshiftproject.org))



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# Conclusions

## **Globally:**

the role of local governments  
in climate protection as one of the  
actors

## **Locally:**

the role of climate protection  
in sustainable local development

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Thank you very much for  
your attention!

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