

## PLACES 2020

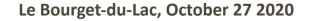


UNIVERSITÉ SAVOIE MONT BLANC



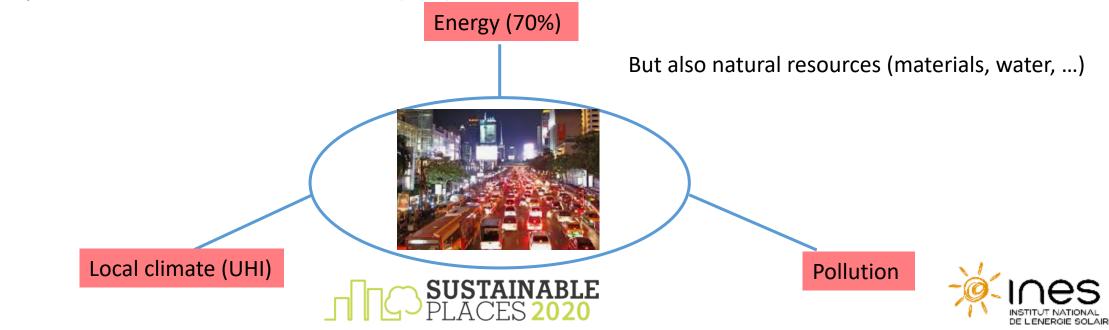


Deputy Head of Solar Academy Graduate School Head of National Solar Research CNRS Federation FedEsol



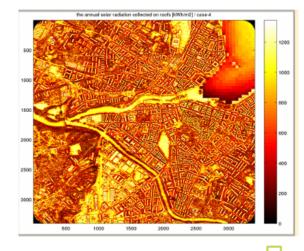


- Rising income, urbanization and increased access to electricity lead to rising demand for energy
- but also to tackle issues of climate change, population increase, energy security, water scarcity and economic growth
- in a complex urban environment where energy production/consumption cannot be dissociated from induced effect of pollution effects and local climate (UHI)





- The growth in end-use consumption results in electricity generation increasing 79% between 2018 and 2050
- Renewable energies technologies have to play a significant role in the energy transition, through passive applications and power generation,
- whilst helping to tackle issues of the climate change, population increase, energy security, water scarcity, economic growth and rising urbanization









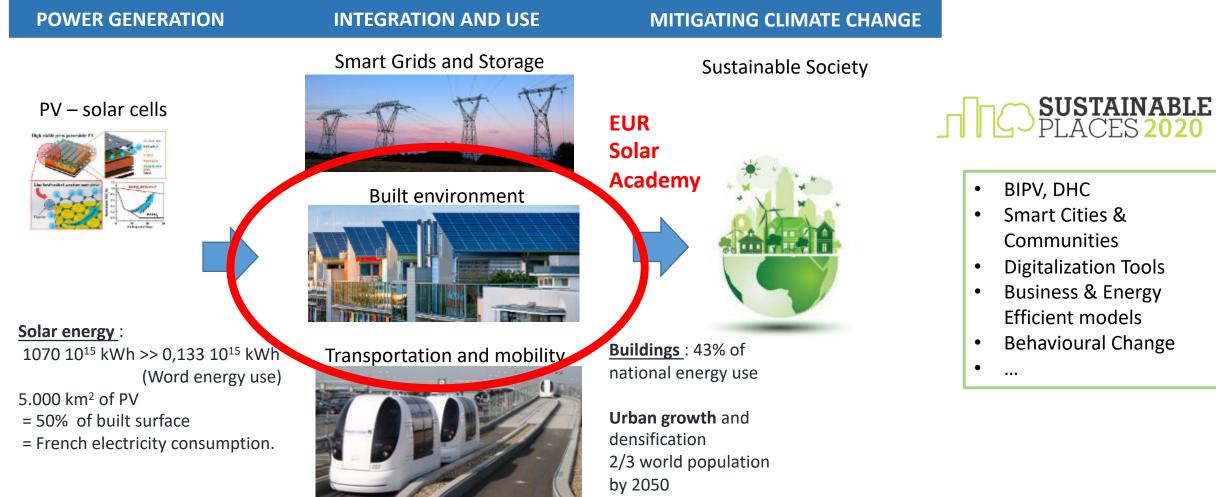




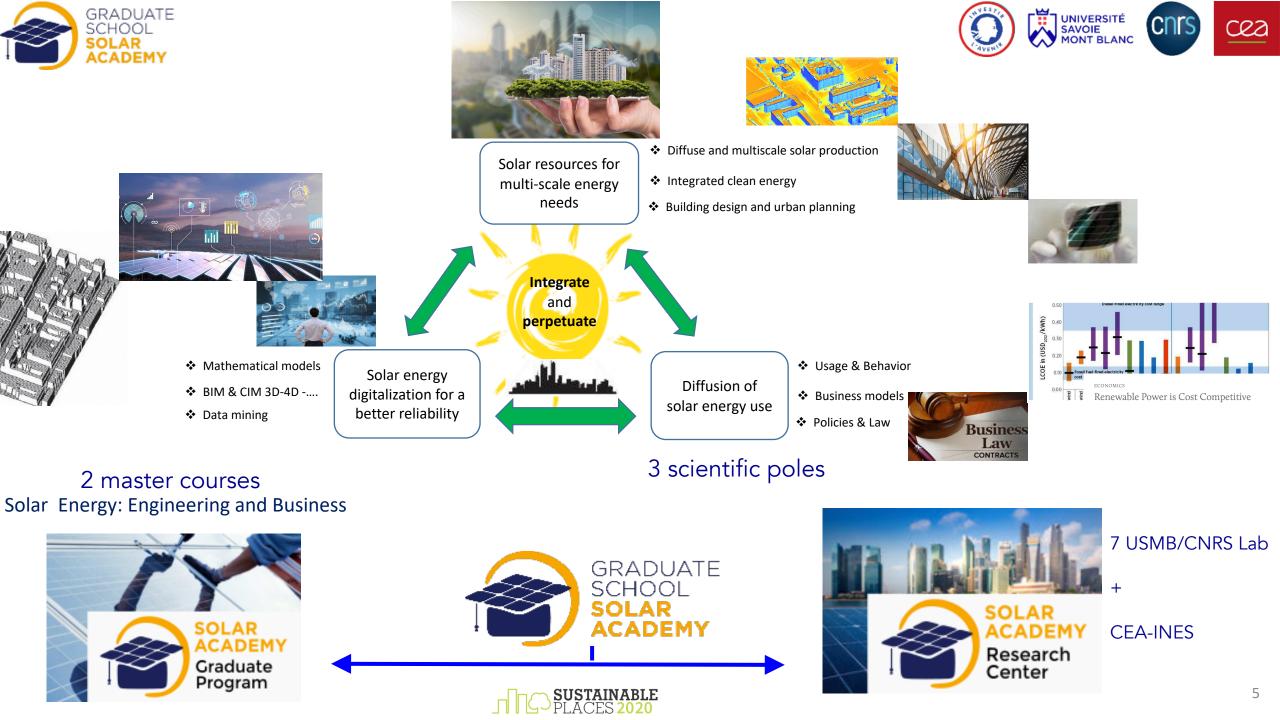
GRADUATE SCHOOL SOLAR

CADEMY

## **Comprehensive Approach of Solar Integration in the Built Environment**



Mixed with other zero carbon ressources

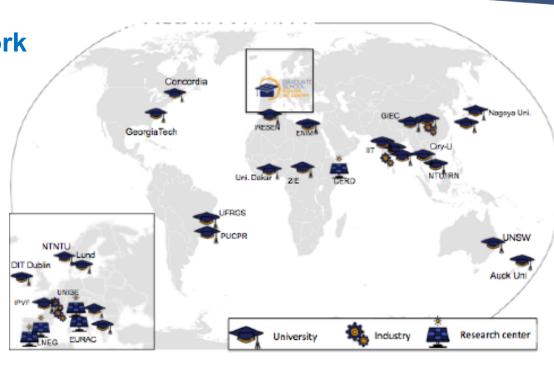




## National/international stakeholders







## Solar System Relying on a strong connexion with other Galaxies !







