# The Green Village

'Creating a sustainable, lively and entrepreneurial environment where we discover, learn and show how to solve society's urgent challenges' Future Labs **Public Engines** Co-Creation

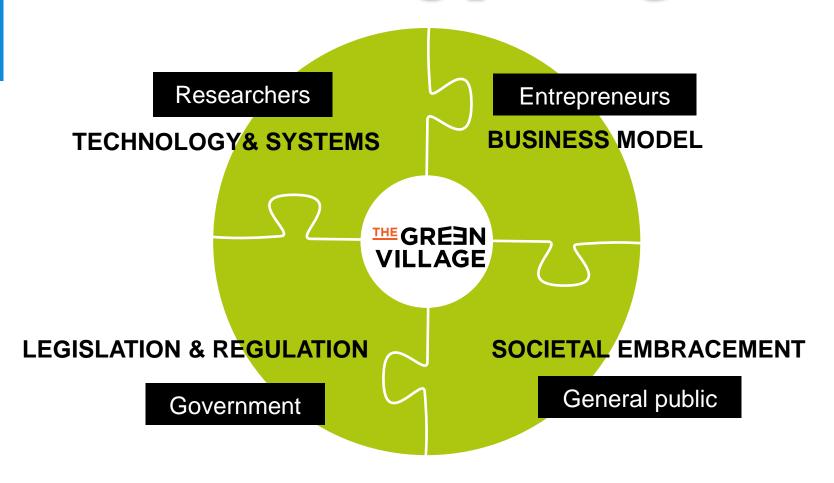


## The Green Village: Missions





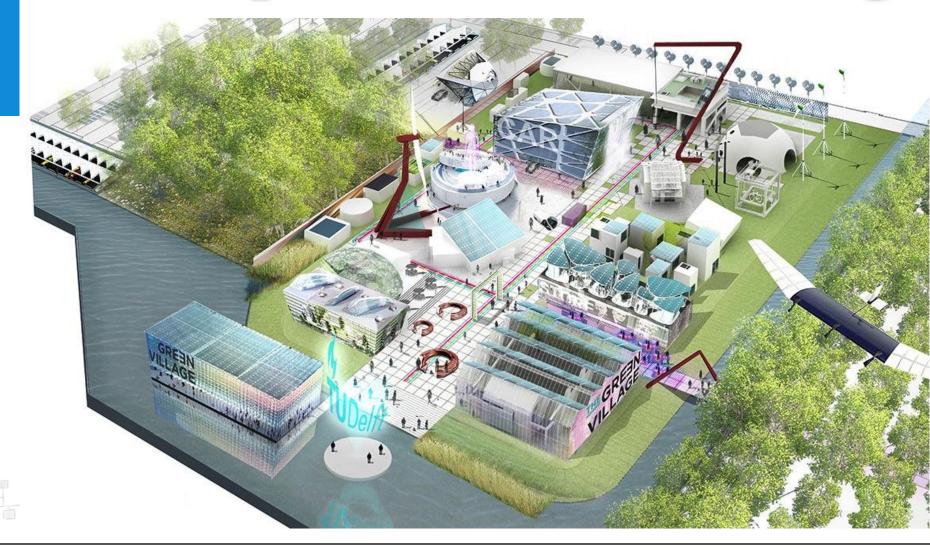
# The Green Village: Accelerating paradigm shifts







# Master plan the Green Village







#### LED revolution

Present lighting system less then 1% efficient

- LED factor 4 more efficient technology
- LED distance reduction is more energy efficient
- LED is dynamic and interactive
- LED creates new products
- LED creates new services



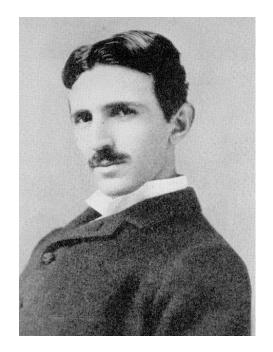


#### **Smart Window**



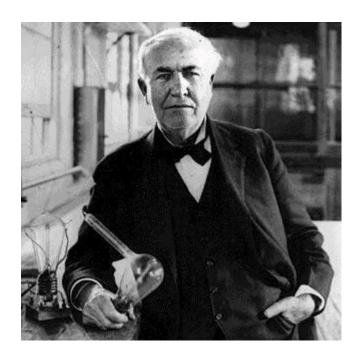


## The AC / DC Battle



Nikola Tesla 10 July 1856, New York **AC** 



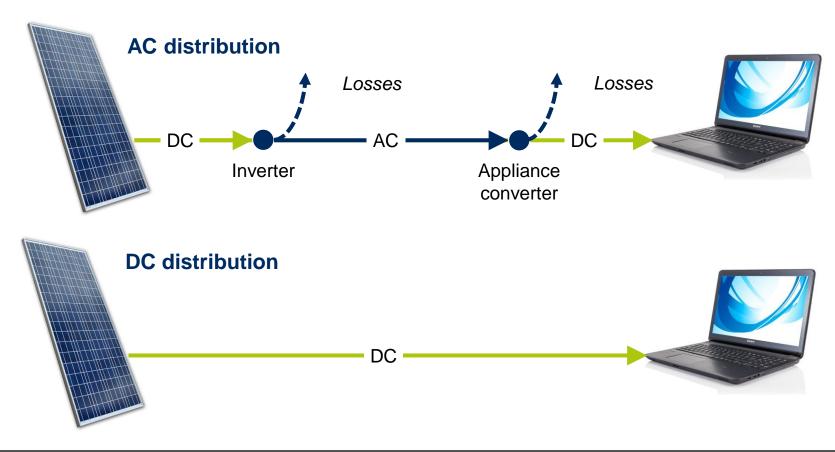


Thomas Edison 11 february 1847, West Orange

DC

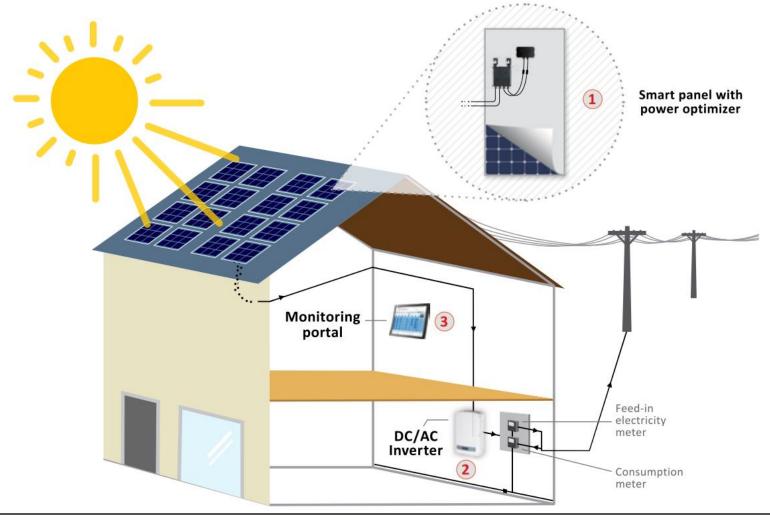


#### **AC-DC losses**





# Solar System, parallel DC







# Hyundai ix35 FCEV





# Car park power plant





## Our cars take over power plants

