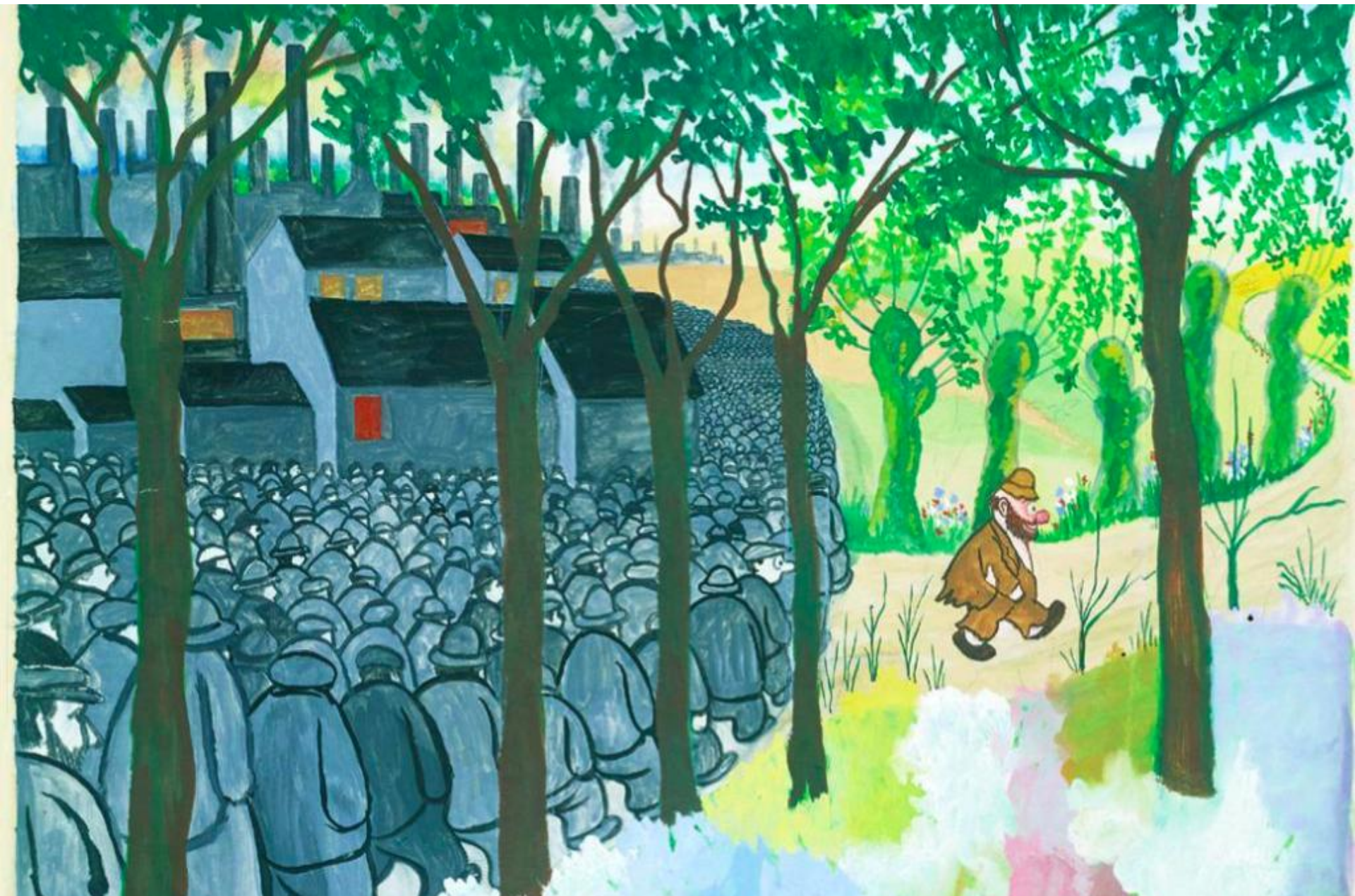


BAMBOO URBAN LIVING



Urban population will increase to 1B people in 20 years

Challenges:

Unprecedented scale and pace of urbanization

Environmental impact of rapid economic development and urbanization: air, water, ground pollution

Urbanization: poverty and wealth disparities

Climate change: extreme weather can eradicate years of development and poverty extension

Bamboo Urban Living (BUL) A Proposed Solution



Why Bamboo?

Fastest growing plant on the planet (1 meter a day)

Stronger than steel (Higher tensile strength)

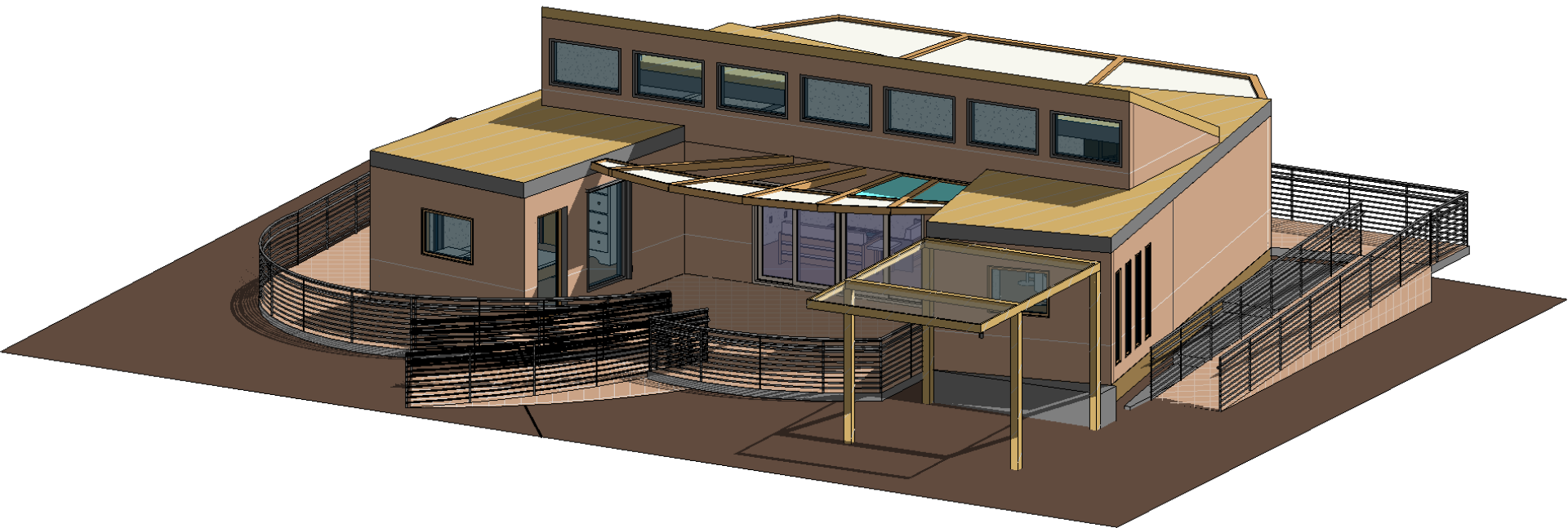
No replanting (1 bamboo could reproduce up to 200 bamboos over 5 years)

Carbon sequestration (4x more than tree)

Bamboo Urban Living (BUL)

The North

(USA 2013: 100% Bamboo Solar House
Decathlon Competition)



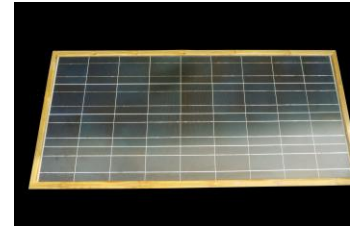
Bamboo Urban Living (BUL)

A perfect example of international cooperation on affordable energy development

Smart PV Inverter: Germany



PV bamboo panels/Batteries: Vietnam/Taiwan



Smart systems manufacturing: India



True Low Cost Solution

THANK YOU

