Project INTENSYS

Integrated designed high efficient and societal systems for future sustainable housing

September 2008 to March 2011

Below are some testimonials:

- http://esl-multicultural-stuff.blogspot.com/

Kyoto Protocol Participation Map 2010


Indicates countries that have ratified the treaty
- are Annex I and II countries that have ratified the treaty
- is not yet decided
- is not in intention of ratifying

Global Urban Landscape

Objective
Research Project INTENSYS

Aims
Social Mix Multi-Generation Living
Functional Mix Communities and Communication Spaces
Free spaces Clear Utilization
Squares, Playgrounds, Multi-Generation Gardens
Habitat Design Open Residential Offers
Flexible Ground Plans
Mobility Reduction of Private Traffic
Promotion of Public Transport
Car Sharing, Electric Bikes, etc.
Building structure / Buildings
Homogeneity High Density Low Rise Building
Floor Elevation
Communicative Approaches
Construction Material Wood Construction
Eco-Social Materials
Economy Affordable Apartments
Reduction of Overheads
Energy Use of Renewable Energy

Map: YEAN ARCHITECTS

Global Urban Landscape
http://www.architakes.com/?p=5054

Alpine Urban Landscape
Map: YEAN ARCHITECTS

Innsbruck
IINTENSYS
Absam

Team
Research Process

Research Project INTENSYS

Building Site: Innsbruck, Absam

Research Settlement Pattern Development Basical Floor Plans

Development Basical Floor Plans

Development Flexible Wall Elements
Basical Floor Plans 76 m² expanded to 93 m²

Design Process
Research Project INTENSYS
Phases of Project Development
Areal View Existance
Areal View Project

31.07.2009
LegendDesign Open Space
31.07.2009

- common rooms
- public open space
- three dimensional garden
- playground for little children
- cross-cultural garden

LegendDesign Open Space
31.07.2009

- cafe, bikeshop
- common rooms
- public open space
- three dimensional garden
- playground for little children
- cross-cultural garden

LegendDesign Open Space
31.07.2009

- access balconies
- cafe, bikeshop
- common rooms
- public open space
- three dimensional garden
- playground for little children
- cross-cultural garden

LegendDesign Open Space
31.07.2009

- connection to plaza of the parish
- access balconies
- cafe, bikeshop
- common rooms
- public open space
- three dimensional garden
- playground for little children
- cross-cultural garden

LegendMobility
31.07.2009

Parking Positions Layout 1:
- passenger cars
- below ground 85
- above ground 68
- total 15

LegendMobility
31.07.2009

Parking Positions layout 2:
- (parking space statutory)
- passenger cars
- below ground 140 (two stories)
- above ground 68
- total 208

LegendMobility
31.07.2009
Thank you for Attention

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UMass Wood Structures Symposium, September 8-9, 2011, University of Massachusetts, Amherst, MA