



POLIS

CITIES AND REGIONS FOR TRANSPORT INNOVATION

regio arnhem
nijmegen

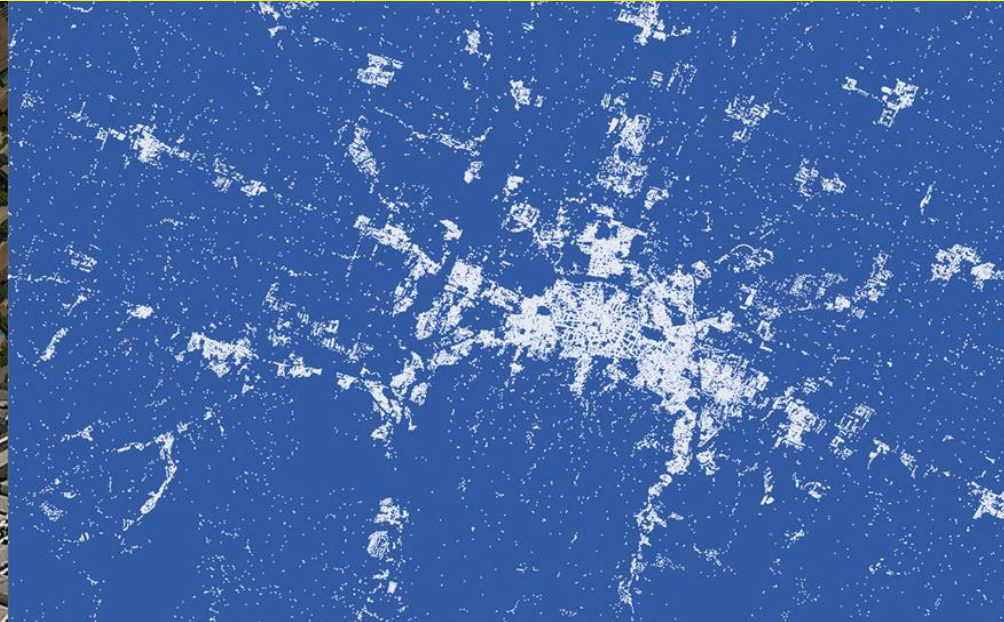
Arch. Lorenza dell'Erba

MOBILITY HUBS:
A new concept of
urban multimodal space for all

Annual Conference 2020

VIRTUAL EVENT | 30 NOVEMBER-3 DECEMBER 2020

Is it **PLANNED**?



In Italy

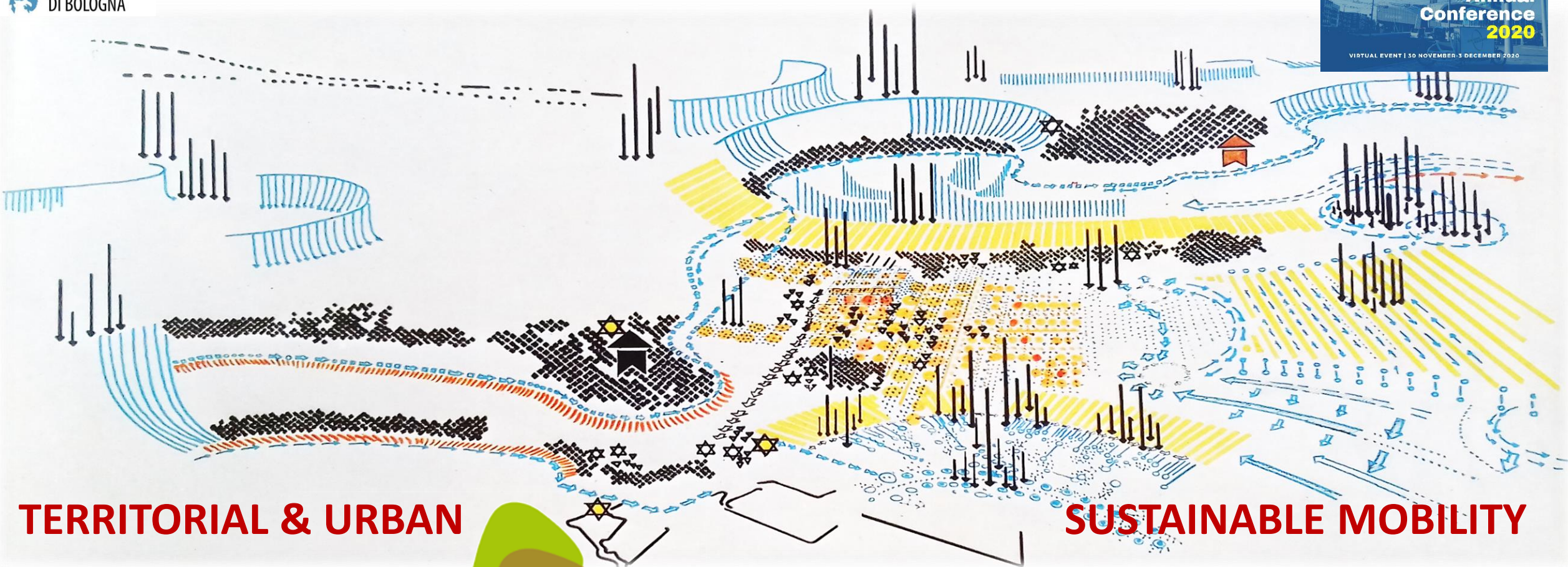
- **2 people out of 3 drive cars every day**
- **the 60% of daily transfers are with private car**

**Car-oriented
City**

**Sustainable-
Mobility
City**

**People-oriented
City**

Towards INTEGRATED PLANNING



**TERRITORIAL & URBAN
PLANNING**

**SUSTAINABLE MOBILITY
PLANNING**

ptm

Piano
Territoriale
Metropolitano
Bologna



PUMS

BOLOGNA
METROPOLITANA

Piano Urbano Mobilità Sostenibile

Integrated planning in MOBILITY HUBS



NEW GATEWAY FOR THE METROPOLITAN REGION

STRATEGIC NODES OF METROPOLITAN PUBLIC TRANSPORT FOR INTERMODALITY



PUMS
BOLOGNA
METROPOLITANA

URBAN MULTIMODAL HUBS
AS MAIN SUPPORT FOR CYCLE TURISTIC NETWORK
AND STRATEGIC BIKELANES PLAN



NEW BACKBONE OF URBAN ORGANIZATION

KEY AREAS FOR PRIORITY OF URBAN REGENERATION AND
PUBLIC SPACE QUALIFICATION OF METROPOLITAN RELEVANCE

URBAN POLARITIES WITH MULTISERVICES FOR CITIZIENS,
CITY USERS AND TOURISTS THANKS TO MIX OF FUNCTIONS





Integrated Ticket

the same ticket
is valid
for
BUS - TRAIN -
TRAM
travels



**Metropolitan Railway
Service**

trains
every
15 minutes
at rush hour



**Metropolitan
tramway network**

4 new
tramway lines



Metrobus

7 suburban fast
Metrobus lines
(Bus Rapid
Transport-BRT)



**Suburban bus
network**

improvement of
public service level
nights & holidays



Mobility Hubs

**A NETWORK OF
30 transport
interchange HUBS**







**Terminal
Fiera**

new main
transport
Terminal

30 MOBILITY HUBS



in railway stations

MOBILITY HUB	MUNICIPALITY
BOLOGNA CENTRALE	BOLOGNA
BOLOGNA CASTELDEBOLE	BOLOGNA
BOLOGNA VIA LARGA	BOLOGNA
BOLOGNA CORTICELLA	BOLOGNA
BOLOGNA MAZZINI	BOLOGNA
BOLOGNA SAN VITALE-RIMESSE	BOLOGNA
BOLOGNA PRATI DI CAPRARA	BOLOGNA
TERMINAL FIERA	BOLOGNA
TERMINAL EMILIO LEPIDO	BOLOGNA
BAZZANO	VALSAMOGGIA
BUDRIO	BUDRIO
CASALECCHIO GARIBALDI	CASALECCHIO DI RENO
CASTEL MAGGIORE	CASTEL MAGGIORE
CASTEL S. PIETRO TERME	CASTEL SAN PIETRO TERME
CASTENASO	CASTENASO
IMOLA	IMOLA
MARZABOTTO 	MARZABOTTO
MEDICINA	MEDICINA
VADO	MONZUNO
PIANORO	PIANORO
RASTIGNANO	PIANORO
PORRETTA TERME 	ALTO RENO TERME
S.BENEDETTO VAL DI SAMBRO	S.BENEDETTO VAL DI SAMBRO
SAN GIORGIO DI PIANO	SAN GIORGIO DI PIANO
SAN GIOVANNI IN PERSICETO 	SAN GIOVANNI IN PERSICETO
SAN LAZZARO	SAN LAZZARO DI SAVENA
SAN PIETRO IN CASALE	SAN PIETRO IN CASALE
SASSO MARCONI 	SASSO MARCONI
VERGATO 	VERGATO
PILASTRINO	ZOLA PREDOSA



30 MOBILITY HUBS



are meant for



Urban and extra-urban bus network



Shared mobility services



Cycling and walking



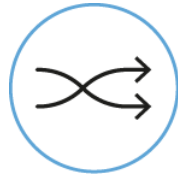
Private transport



Citizens services



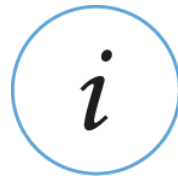
Main network
(MRS, Tram and Metrobus)



Multimodality - different transport options
Intermodality - easily change from a mode to another



Identity - well-defined and identifiable places throughout the territory
Attractiveness - comfortable and inclusive places
Cleanness - user-friendly and easily usable spaces



Smart Mobility - new information systems for the user
Mobility On Demand - the user decides when, where and how to travel



Sustainable vehicles - for individual/collective transport
Parking areas - easy, nice, safe and green
Vehicle assistance - charging, repairing and washing areas



Mix of functions - shopping, restaurants, hospitals...
Sociability: places for everyone's daily life

GUIDE LINES FOR PROJECTS

Protocol of understanding 22-04-2020



GOALS AND CHALLENGES

MAIN FUNCTIONS

PROJECT PRINCIPLES

MEASURES AND ACTIONS

PROJECT LEVELS

PUBLIC PARTICIPATION

ECONOMIC SUSTAINABILITY

BEST PRACTICE



PROJECT-ORIENTED CHALLENGES



MAIN FUNCTIONS



RAILWAY STATION-TRAM/BUS STOP



GREEN SPACES



SERVICES



CONURBATION



**PUBLIC SPACE AND BUILDINGS
TO BE REGENERATE**



MOBILITY HUB'S AREA OF INFLUENCE

FIRST PROJECT IN PROGRESS

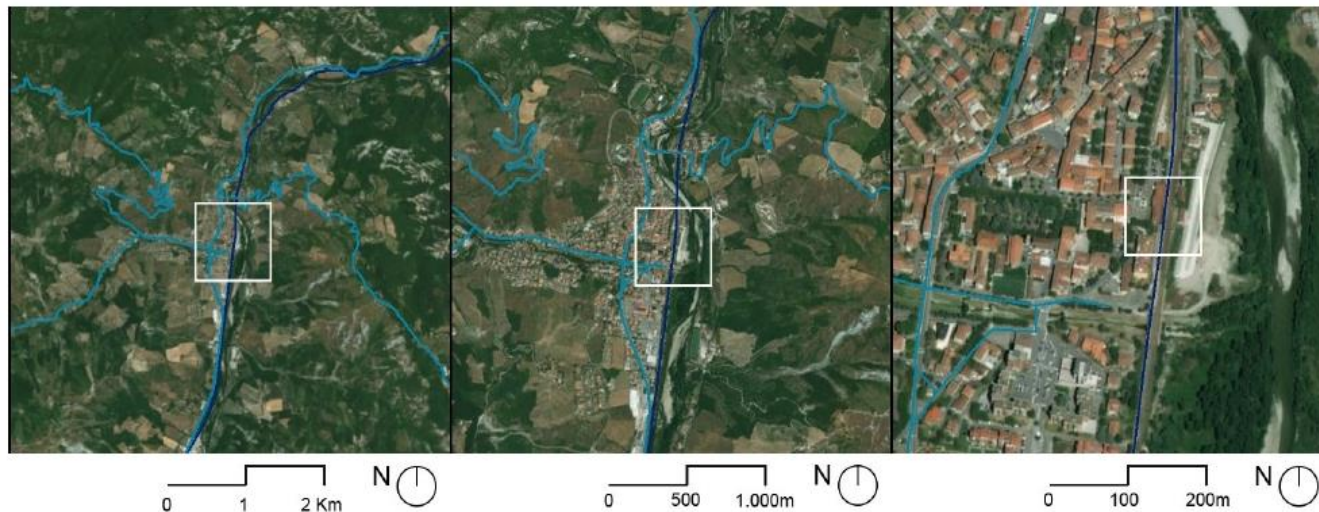


FIRST PROJECT IN PROGRESS

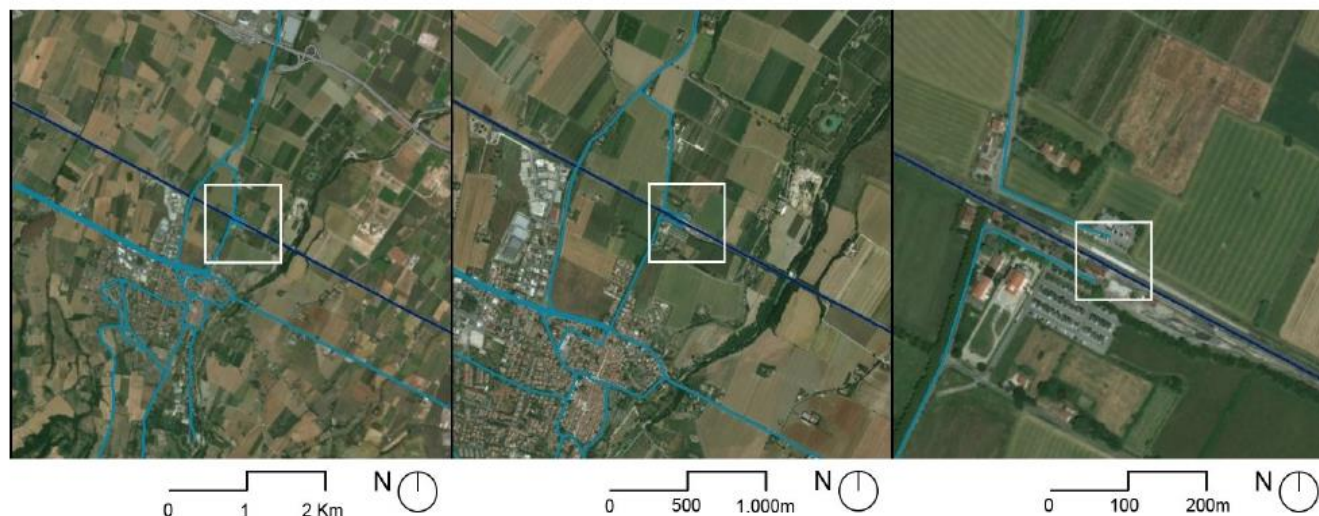


NEXT TWO PROJECTS GOING ON ...

VERGATO



CASTEL SAN PIETRO TERME





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THANKS FOR YOUR ATTENTION!

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