



LEGAMBIENTE



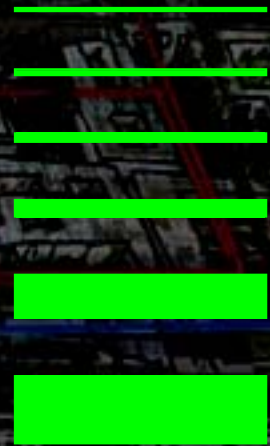
FONDAZIONE
RICCARDO CATELLA



Fabio Casiroli

DPA Politecnico di Milano & Systematica

lezioni dalle città



berlin



berlin an excellent pt



berlin



lesson from berlin

berlin

extensive, integrated

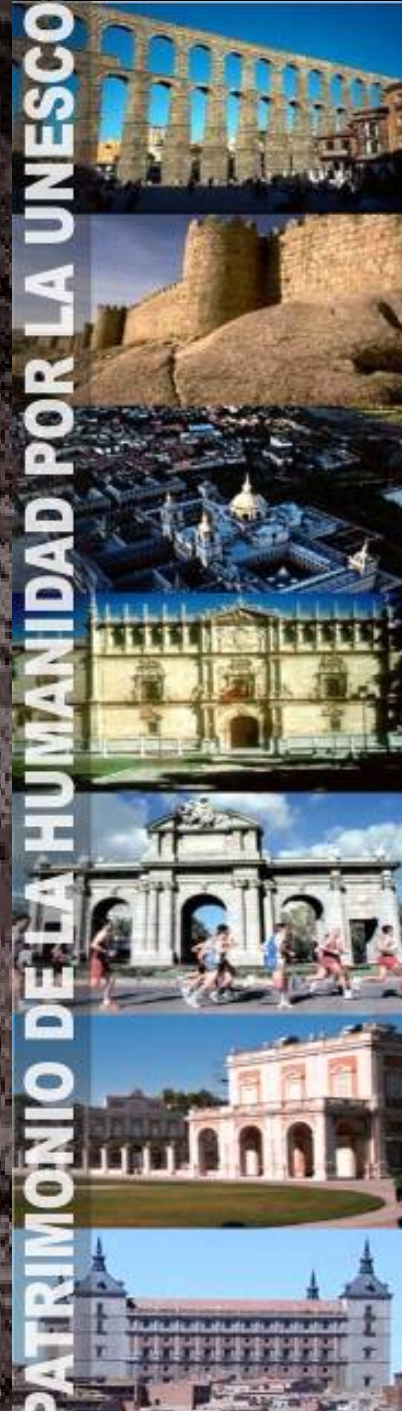
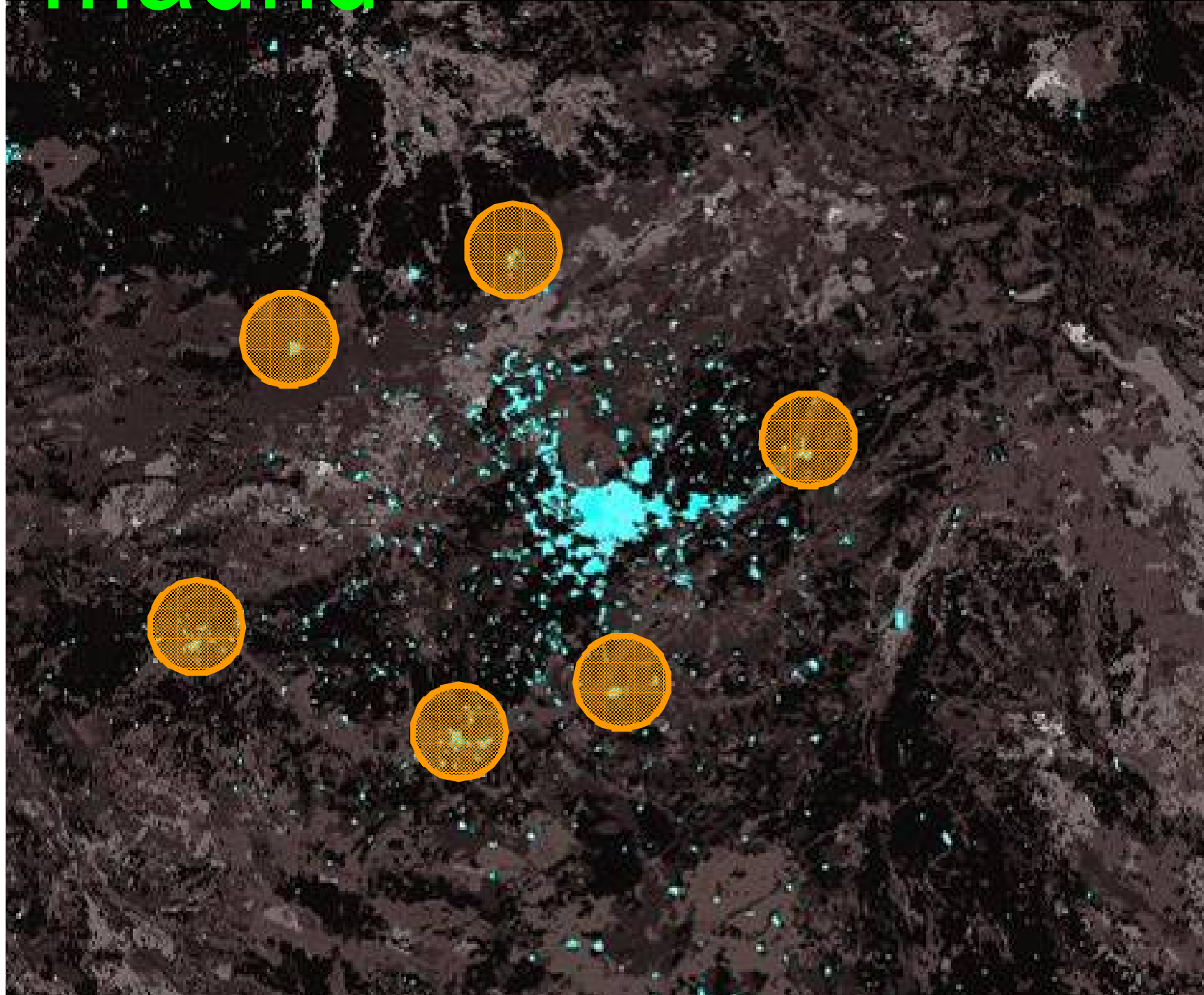
networks cut down the need of cars



madrid

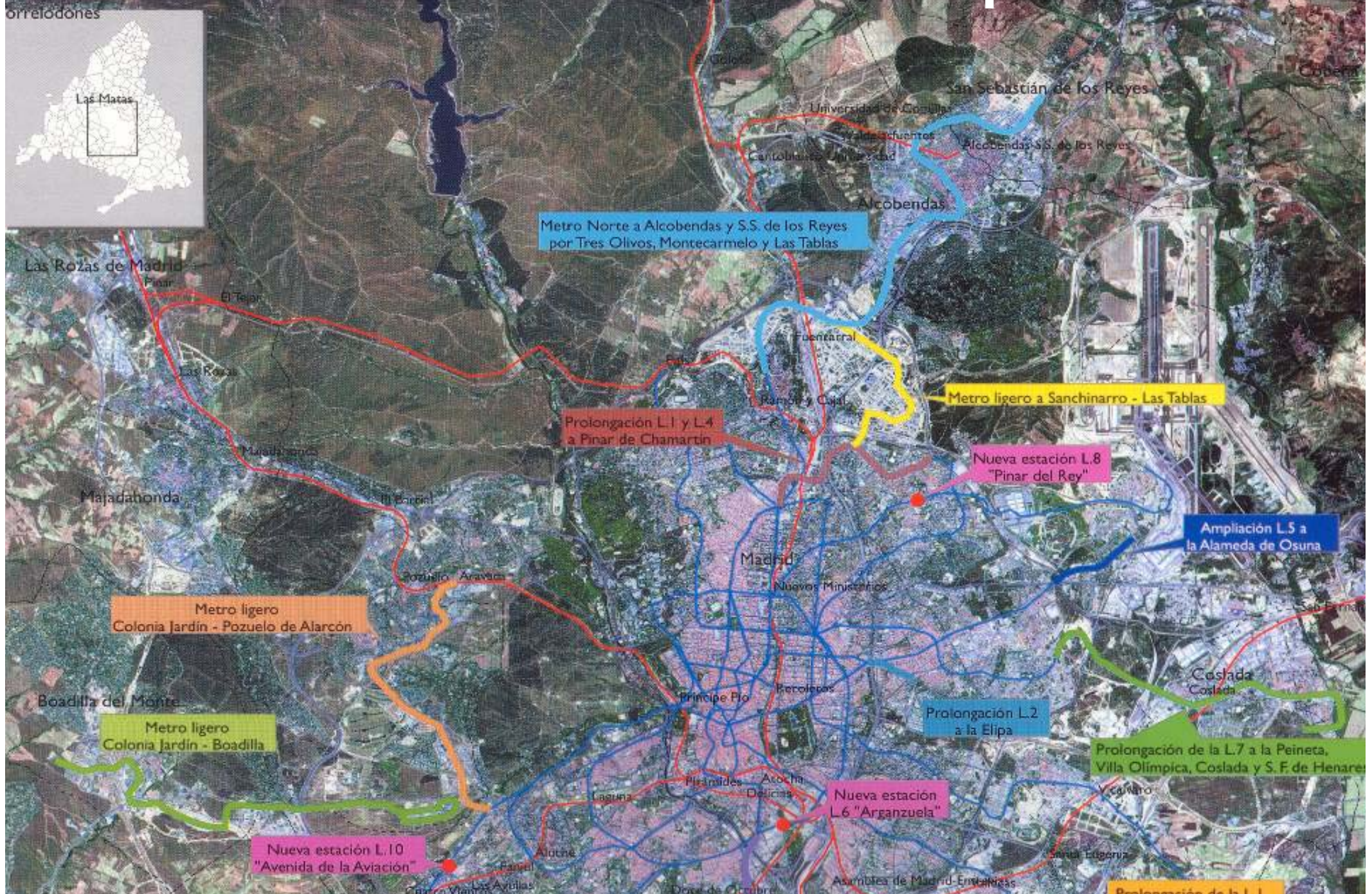


madrid



PATRIMONIO DE LA HUMANIDAD POR LA UNESCO

madrid nuclear development



madrid

lesson from madrid



madrid

successful multinuclear

models need strong public

transport connections



los angeles



los angeles a new deal

Les grands projets de Los Angeles



los angeles

lesson from los angeles



los angeles

never say “never”

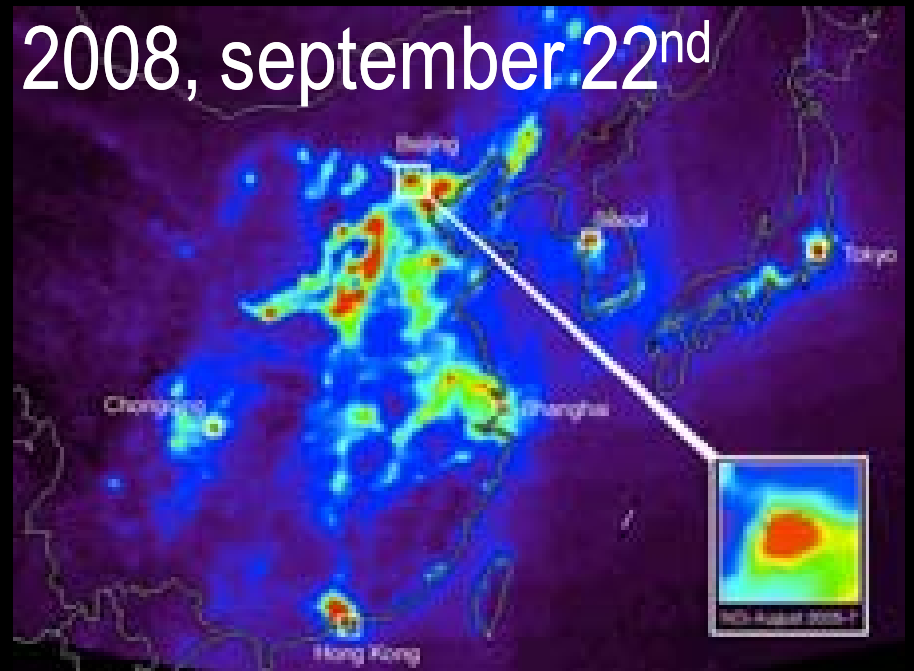
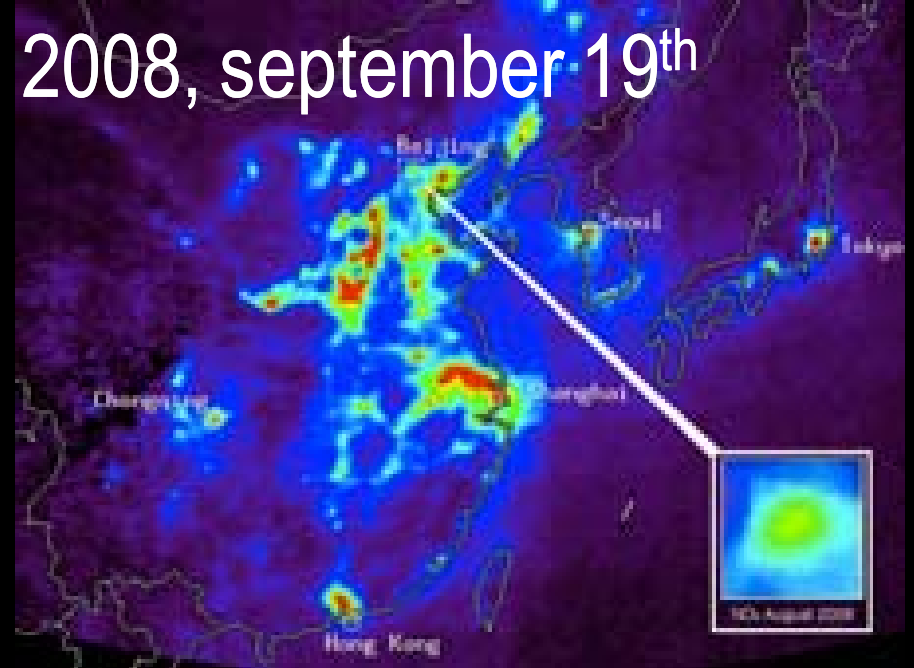
even the car-cities are capable
of designing a better life

LEGENDS OF HOLLYWOOD

beijing



beijing radical measures



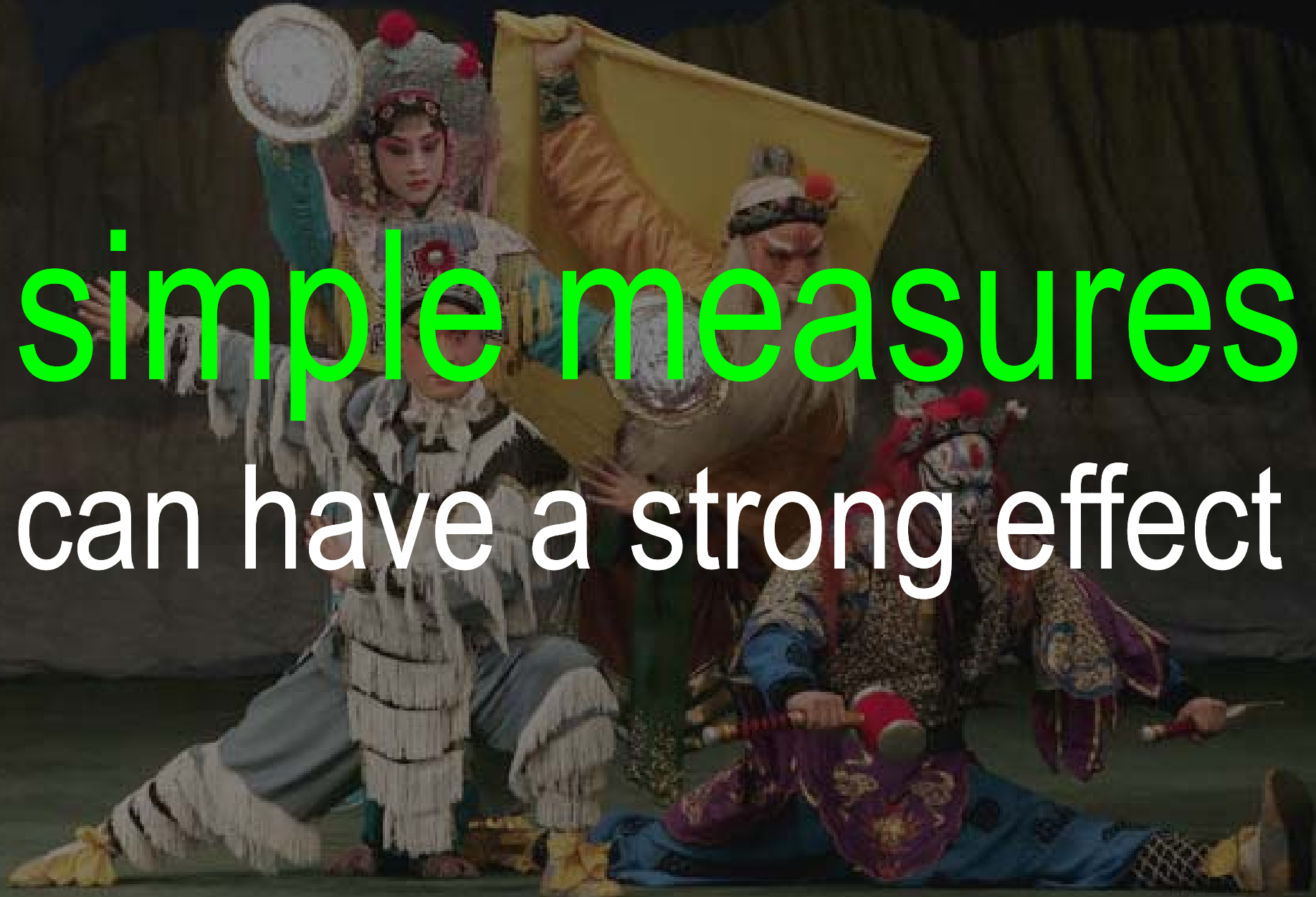
beijing

lesson from beijing



beijing

simple measures
can have a strong effect



1900



10%



90%

2007



50%



50%

2030



60%



40%

2050



75%



25%

impronta antropica sul pianeta



1.500

360

come crescono oggi le megalopoli?















ALZADO
MODA

SOLEN DE MODAS ANGE

FABRICA

COLME

TransMilenio



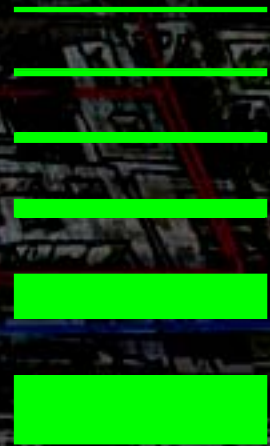






multiple forms of city

2

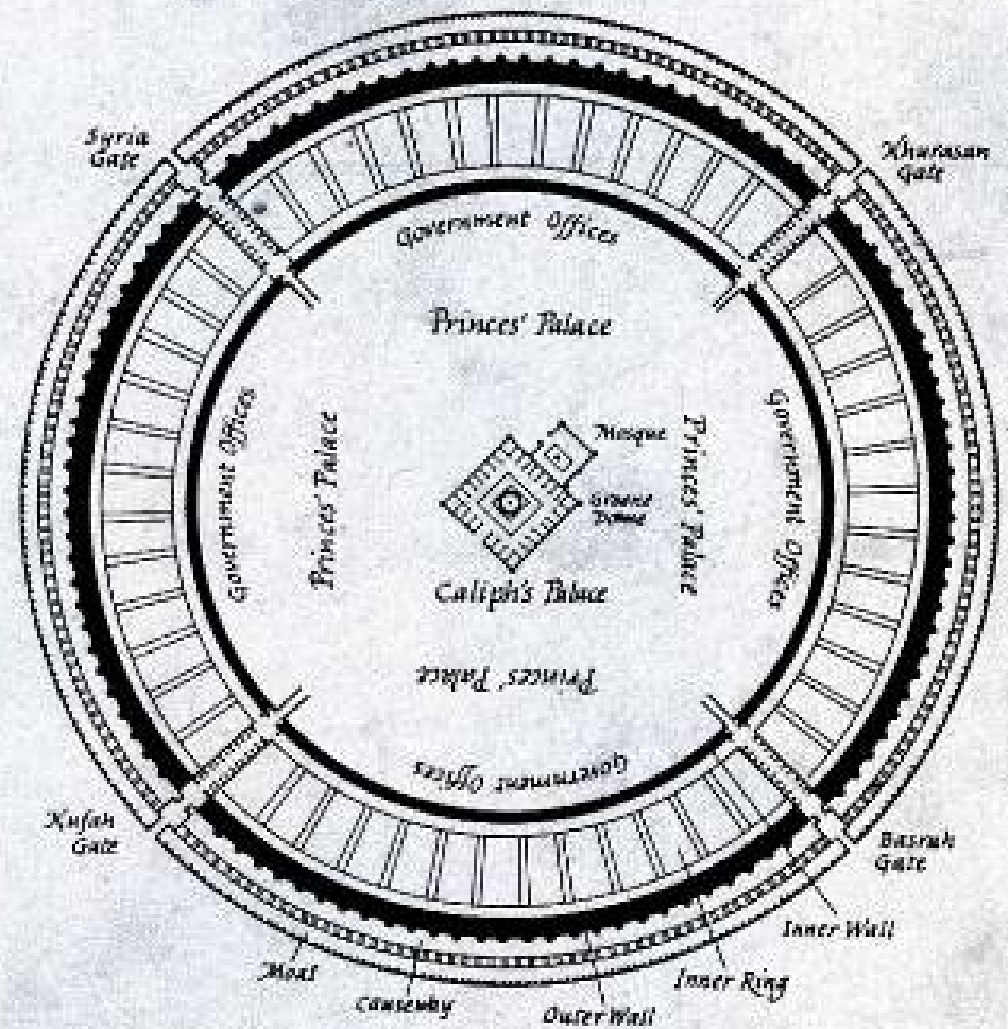
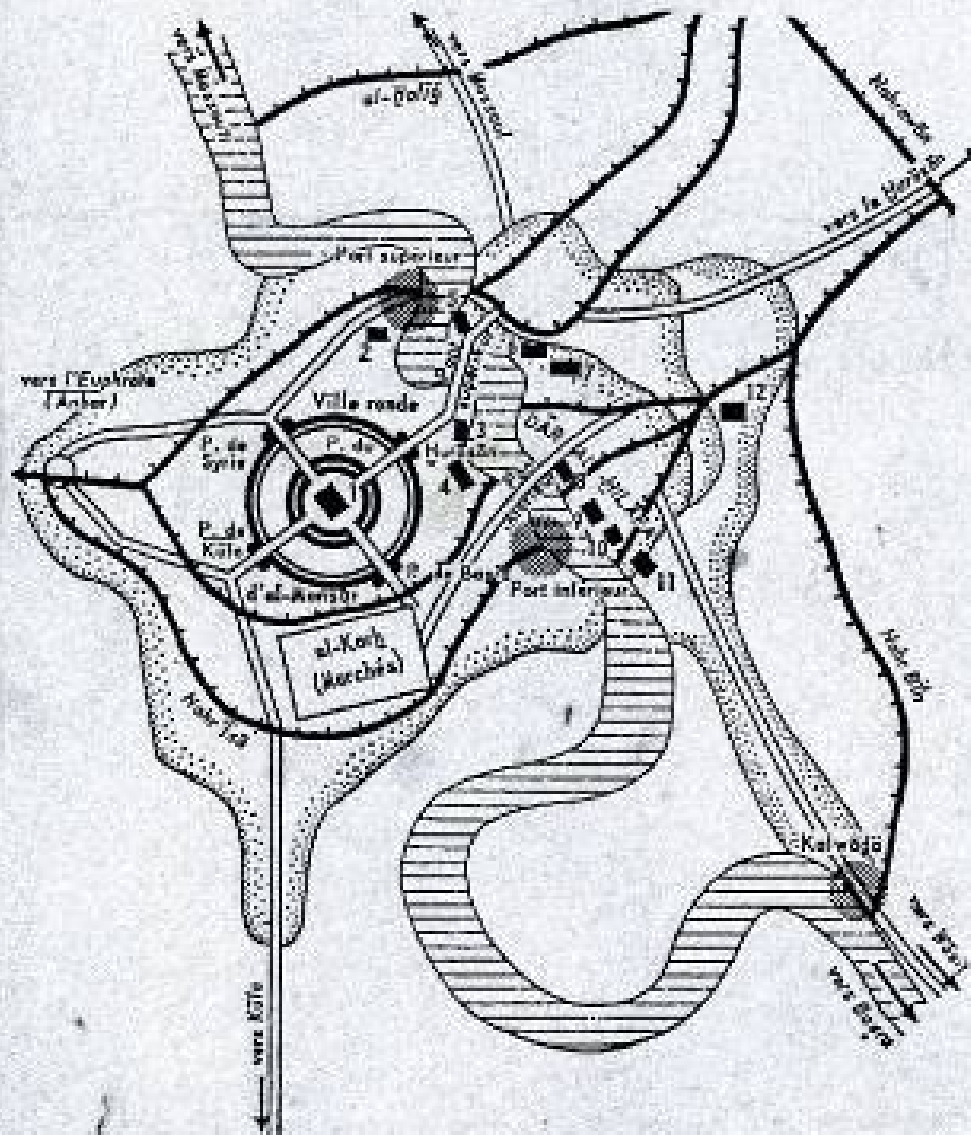


mappe tradizionali

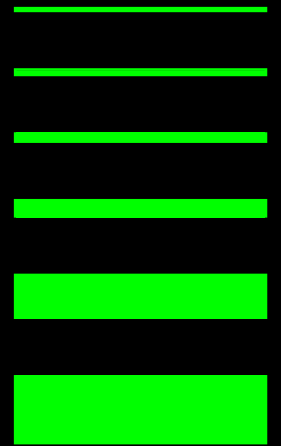
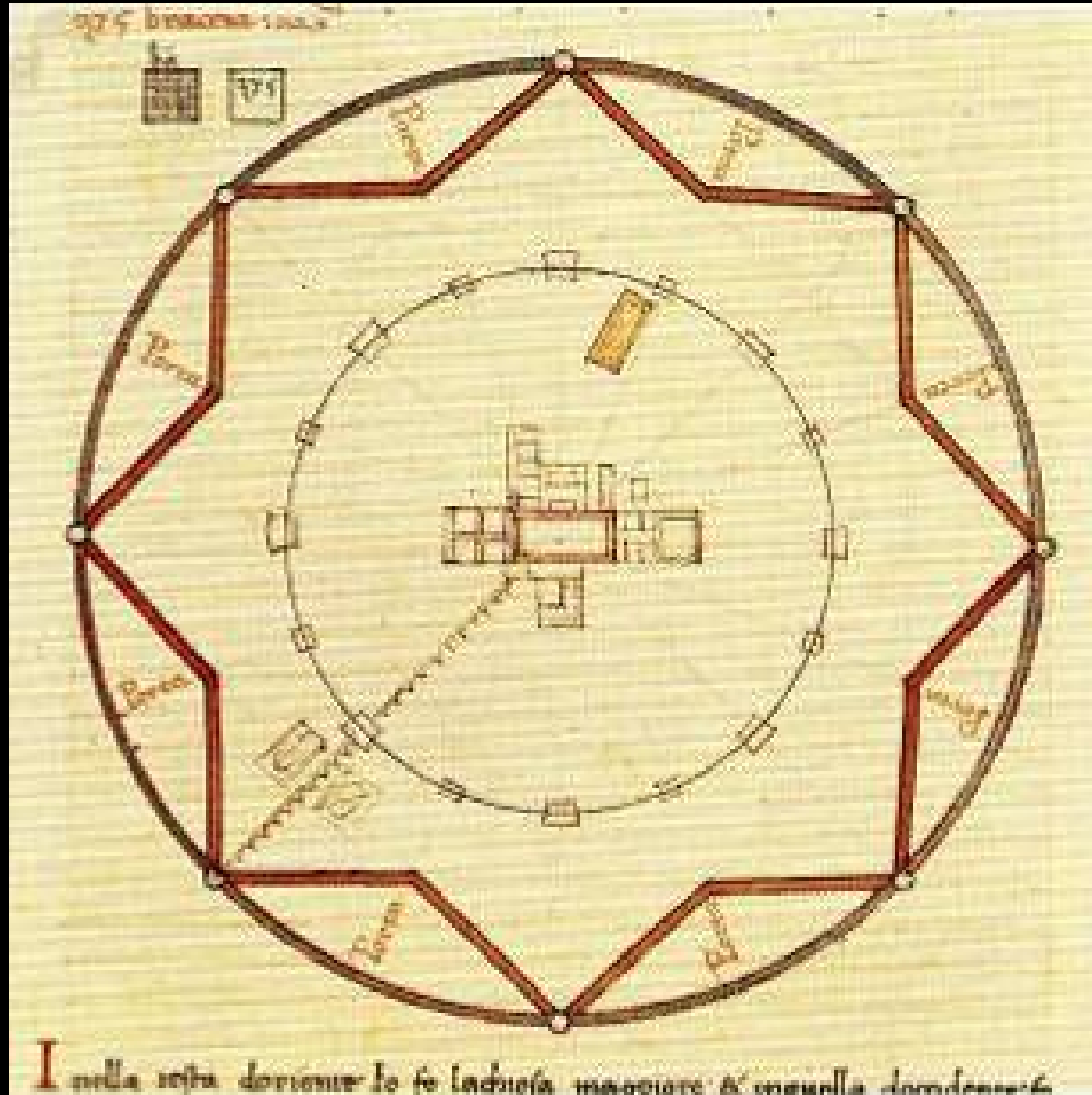
per leggere la forma urbana



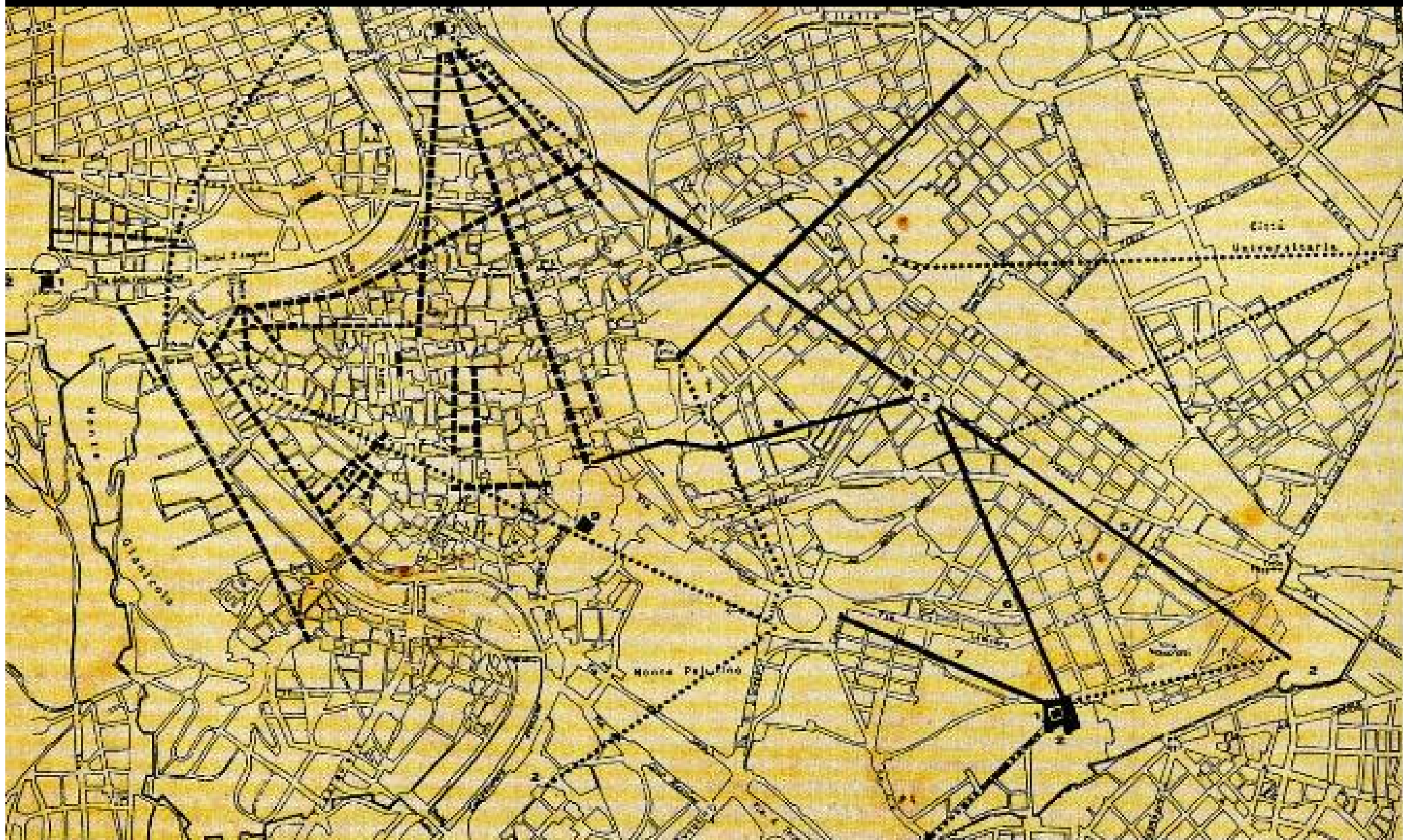
Baghdad, città simbolica



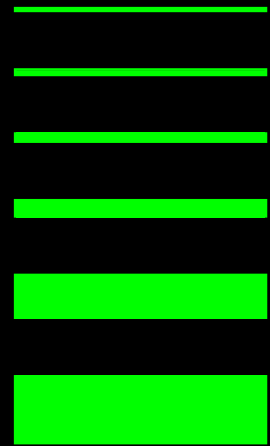
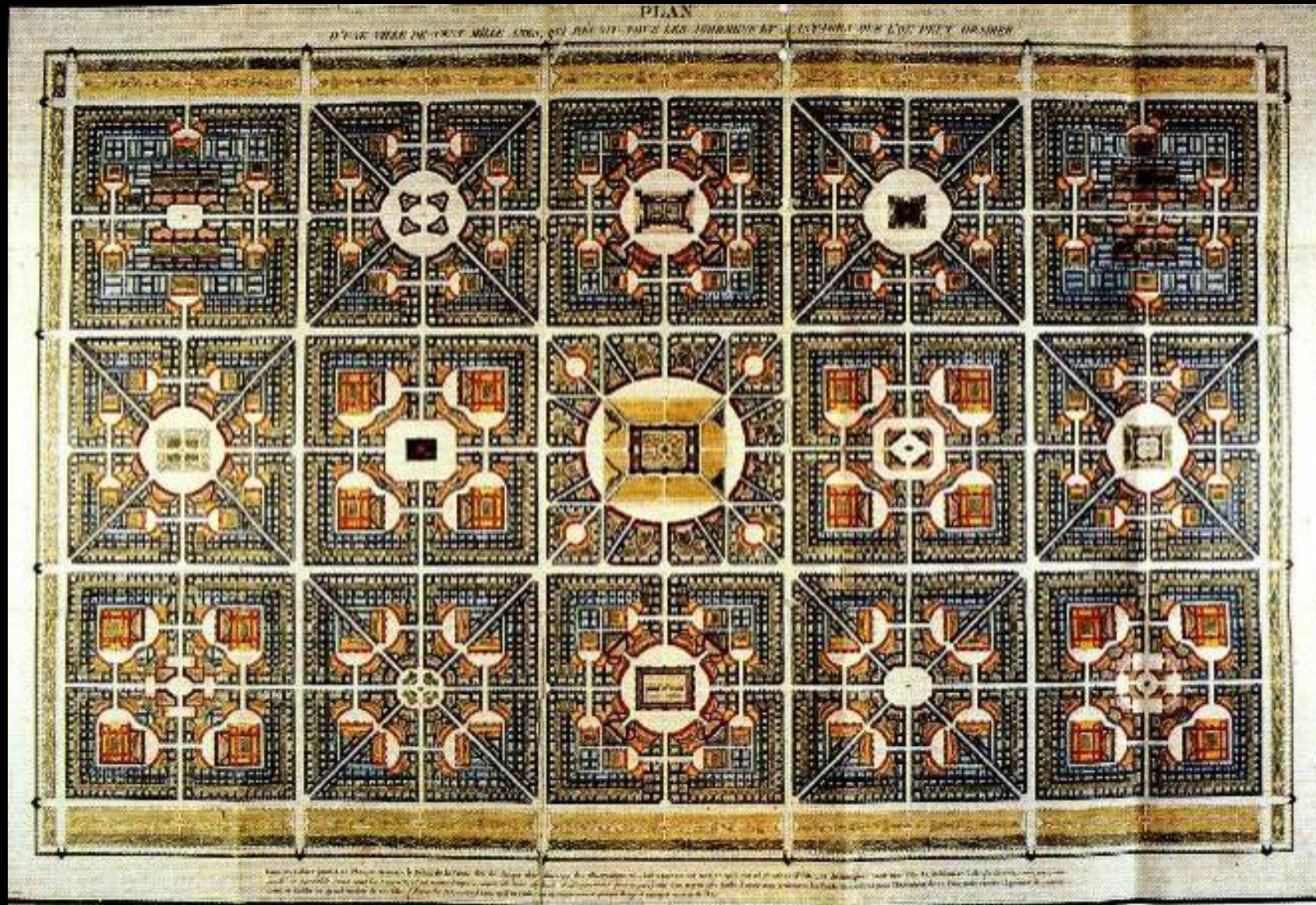
Sforzinda, città difensiva



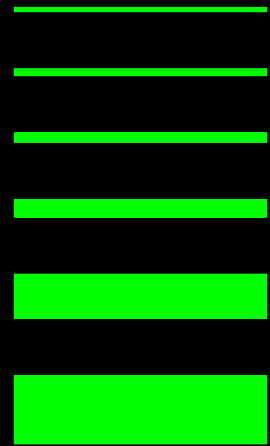
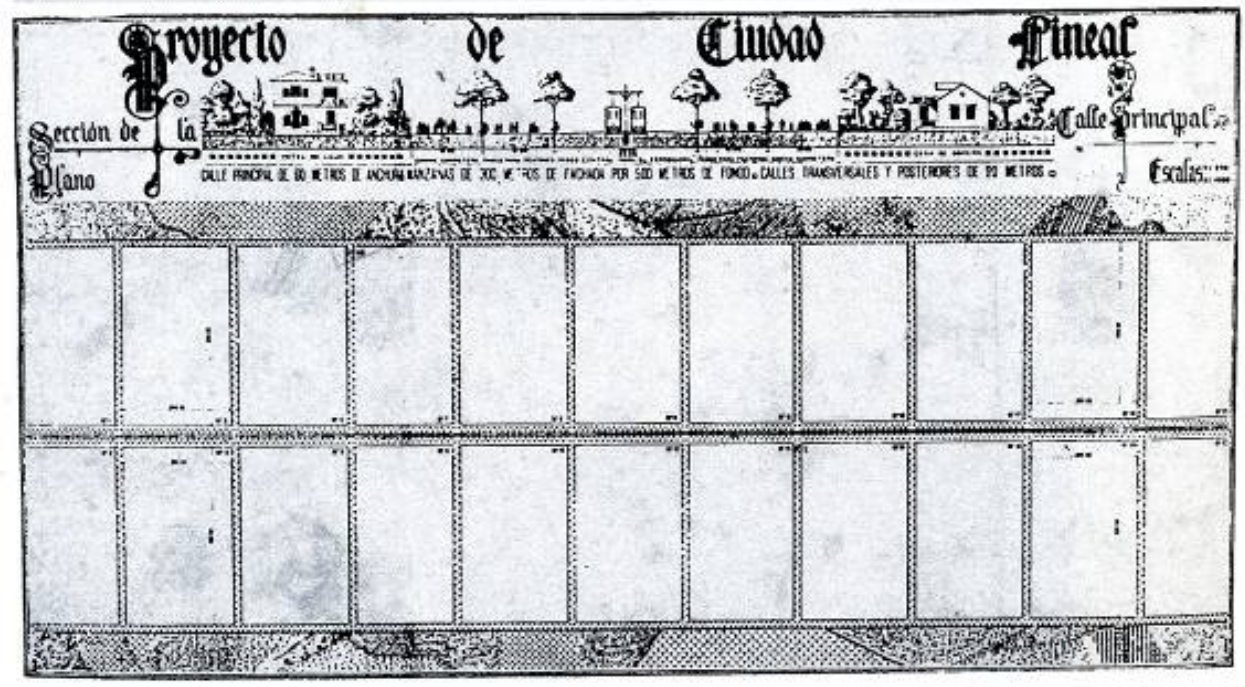
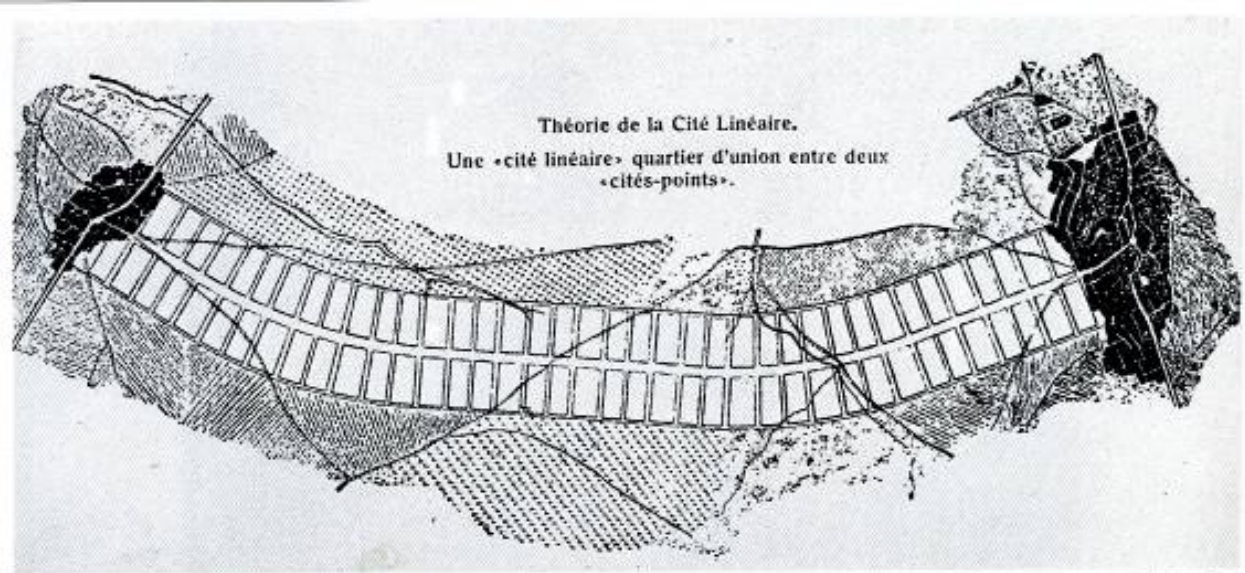
Roma, città religiosa



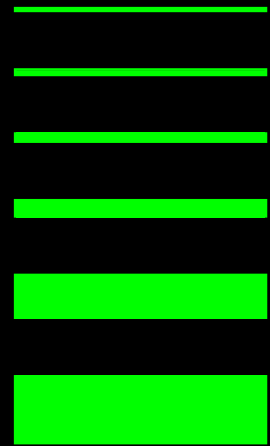
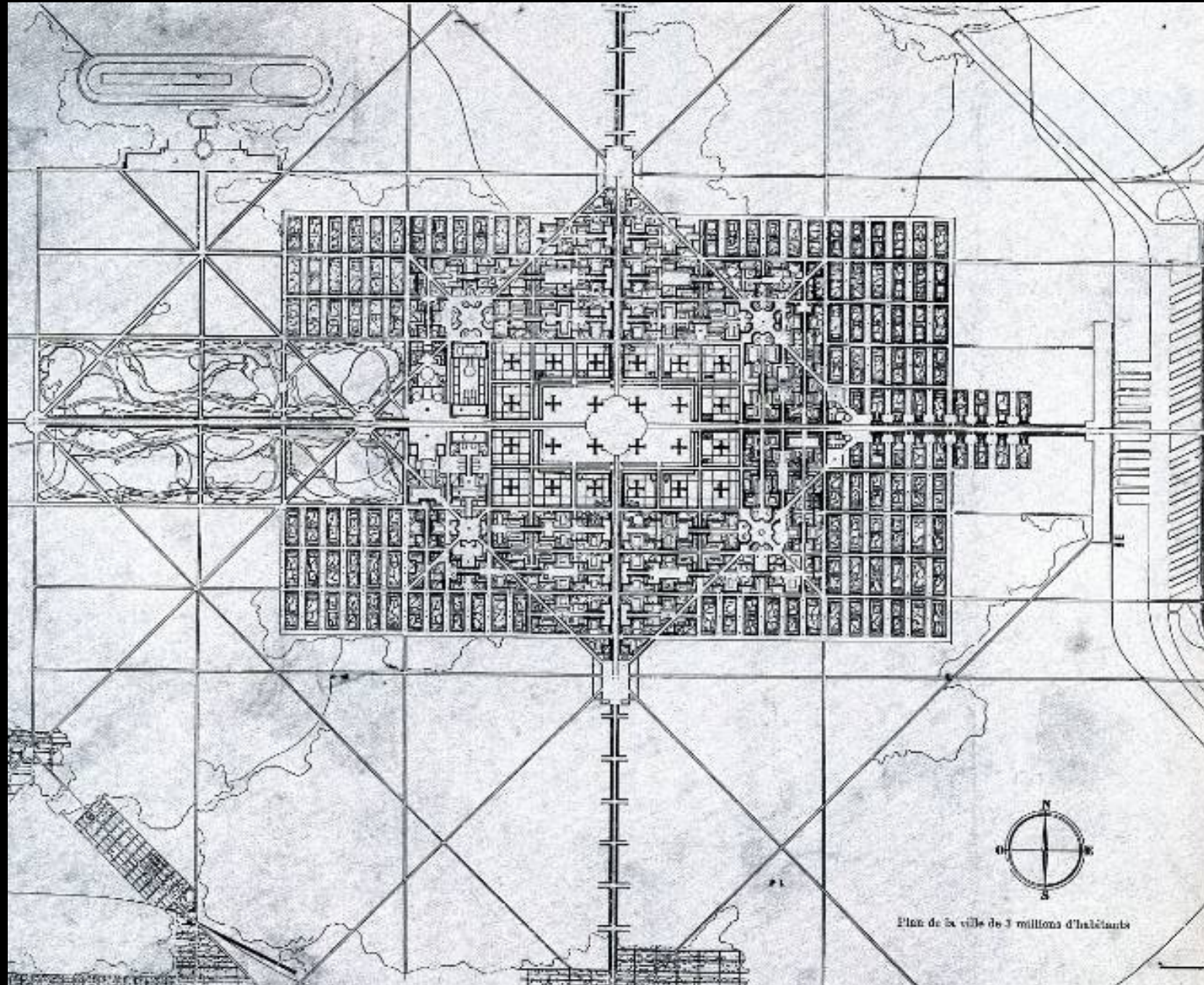
Napoléonville, città celebrativa



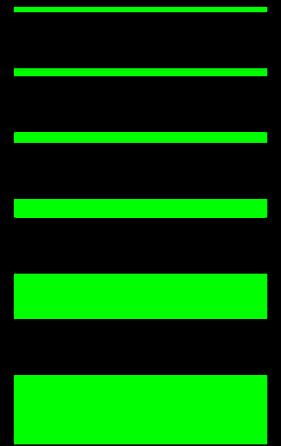
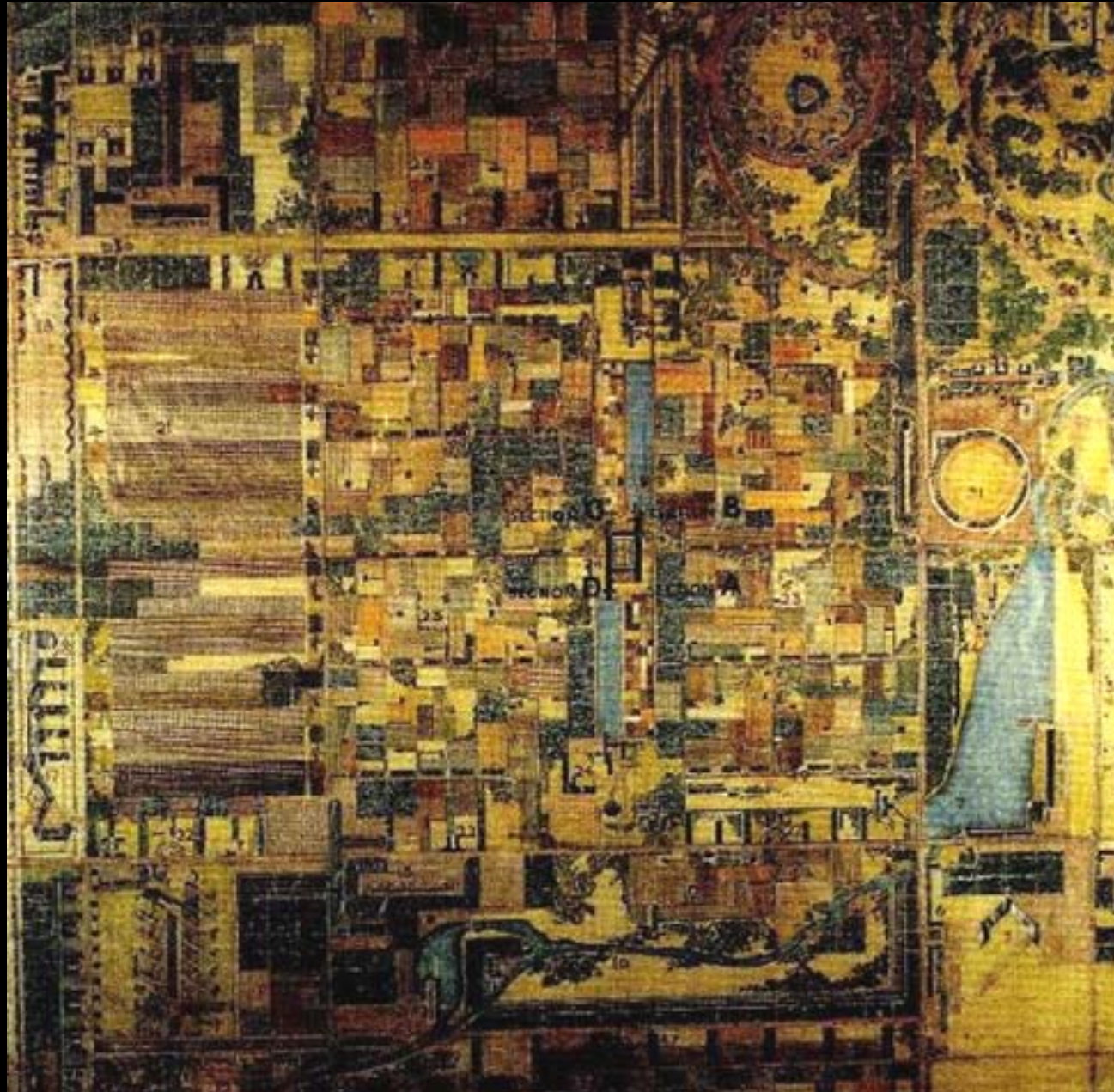
città lineare



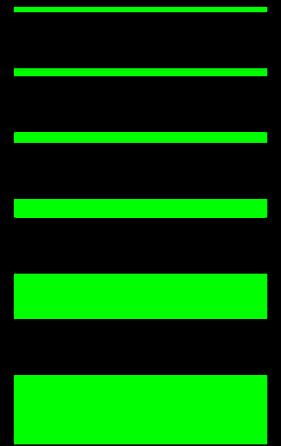
città da **3 milioni** di abitanti



Usonia, città **orizzontale**



Brasilia, città **capitale**



immobilità

è il comun denominatore

la città **mutevole**

il **tempo**, chiave per leggerne

la forma funzionale

12 città



4

funzioni:

lavoro, svago, sport e cultura

2

modi di trasporto:

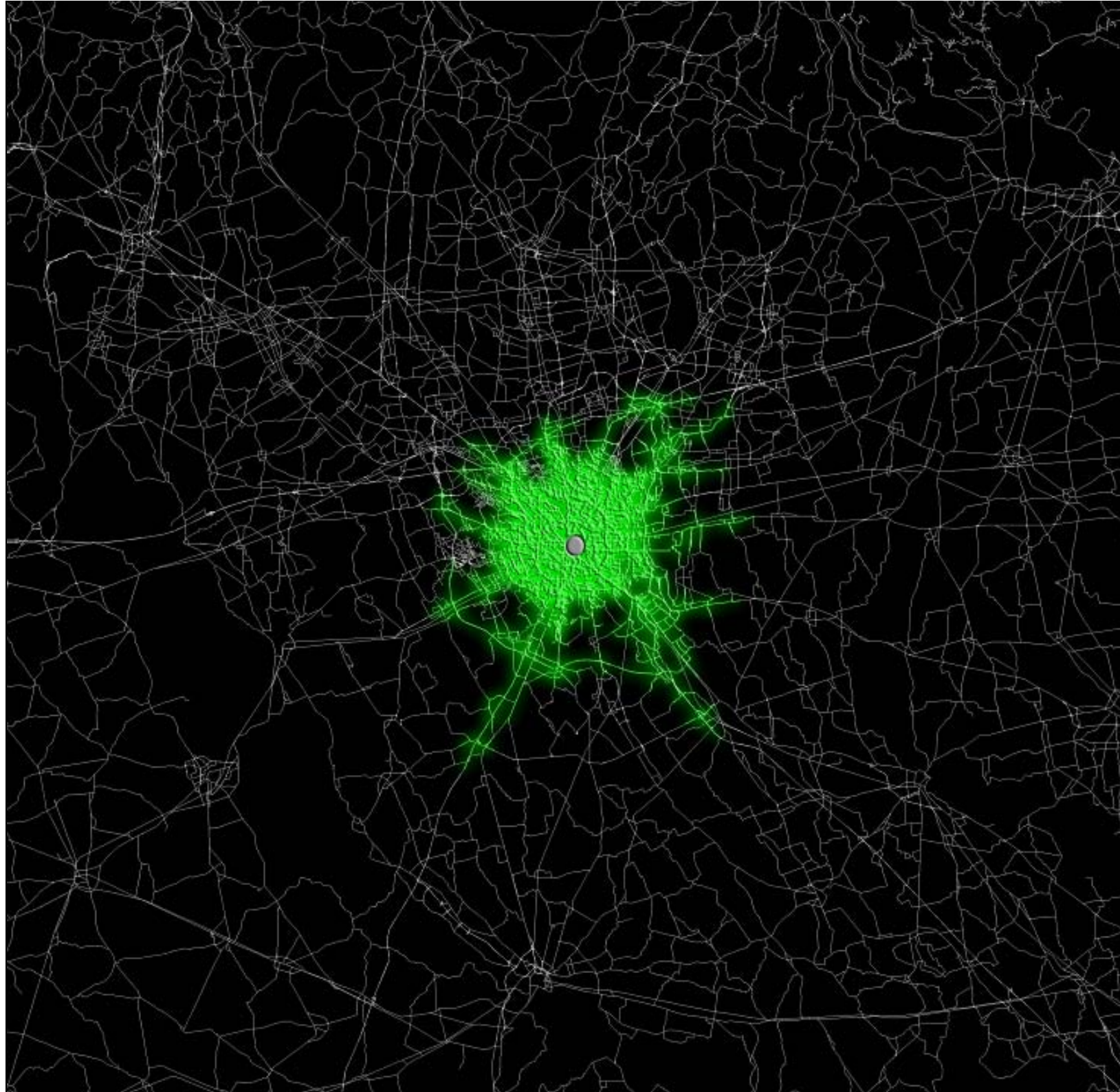
auto e mezzi pubblici

Milano

in auto

giorno feriale

ora di punta



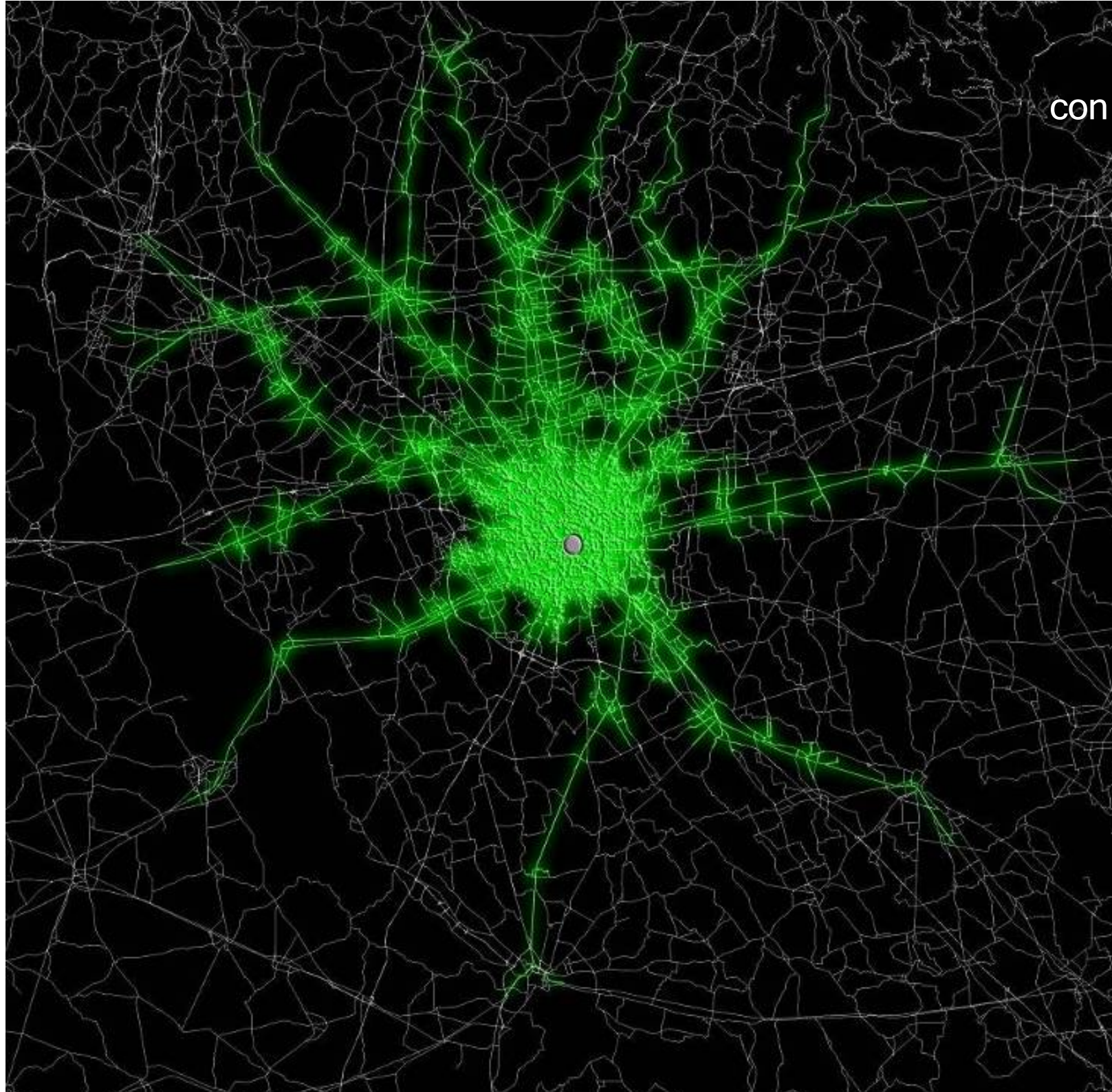
2.2

Milano

con trasporto pubblico

giorno feriale

ora di punta



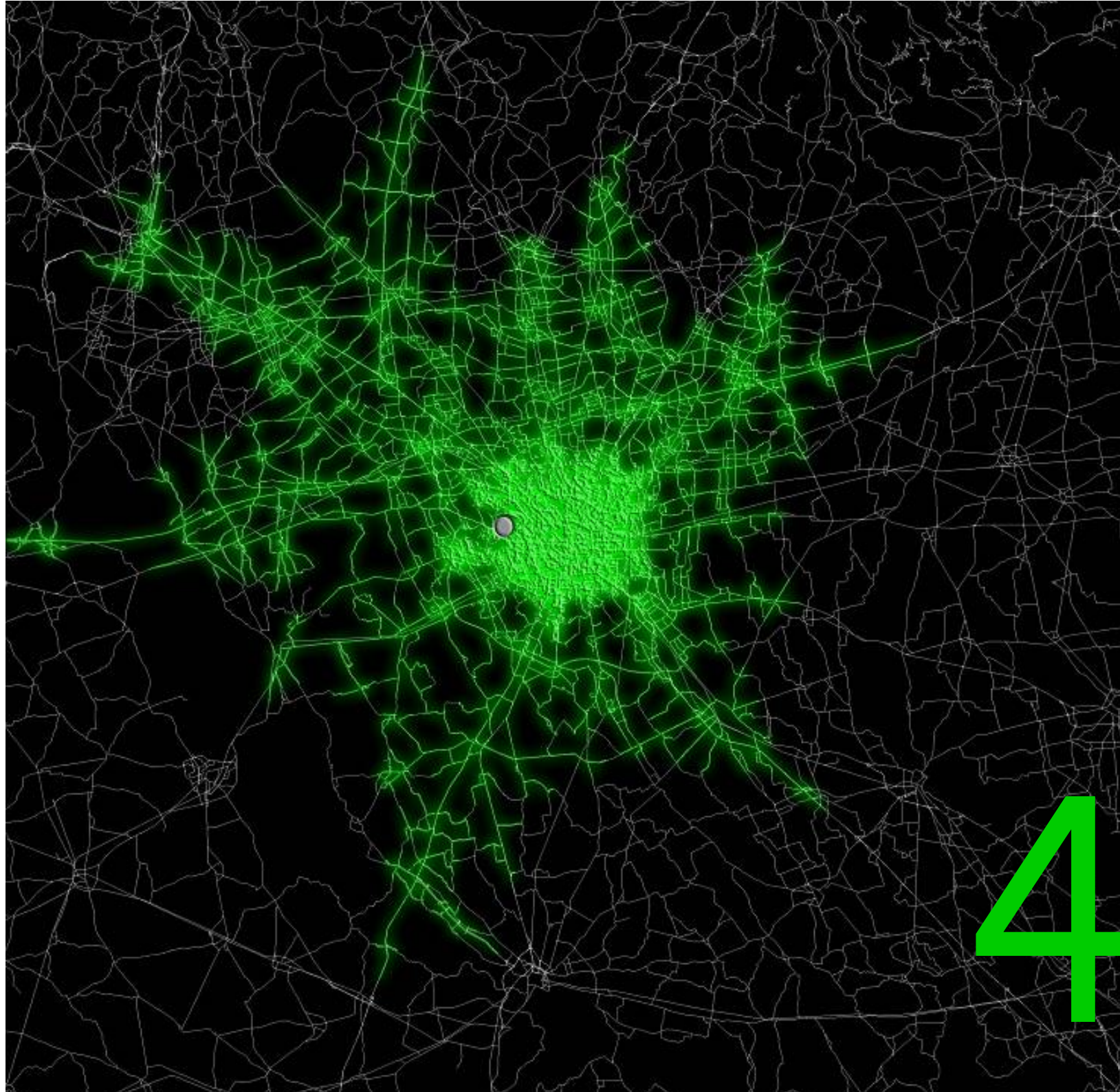
4.1

Milano

in auto

sabato
dopo cena

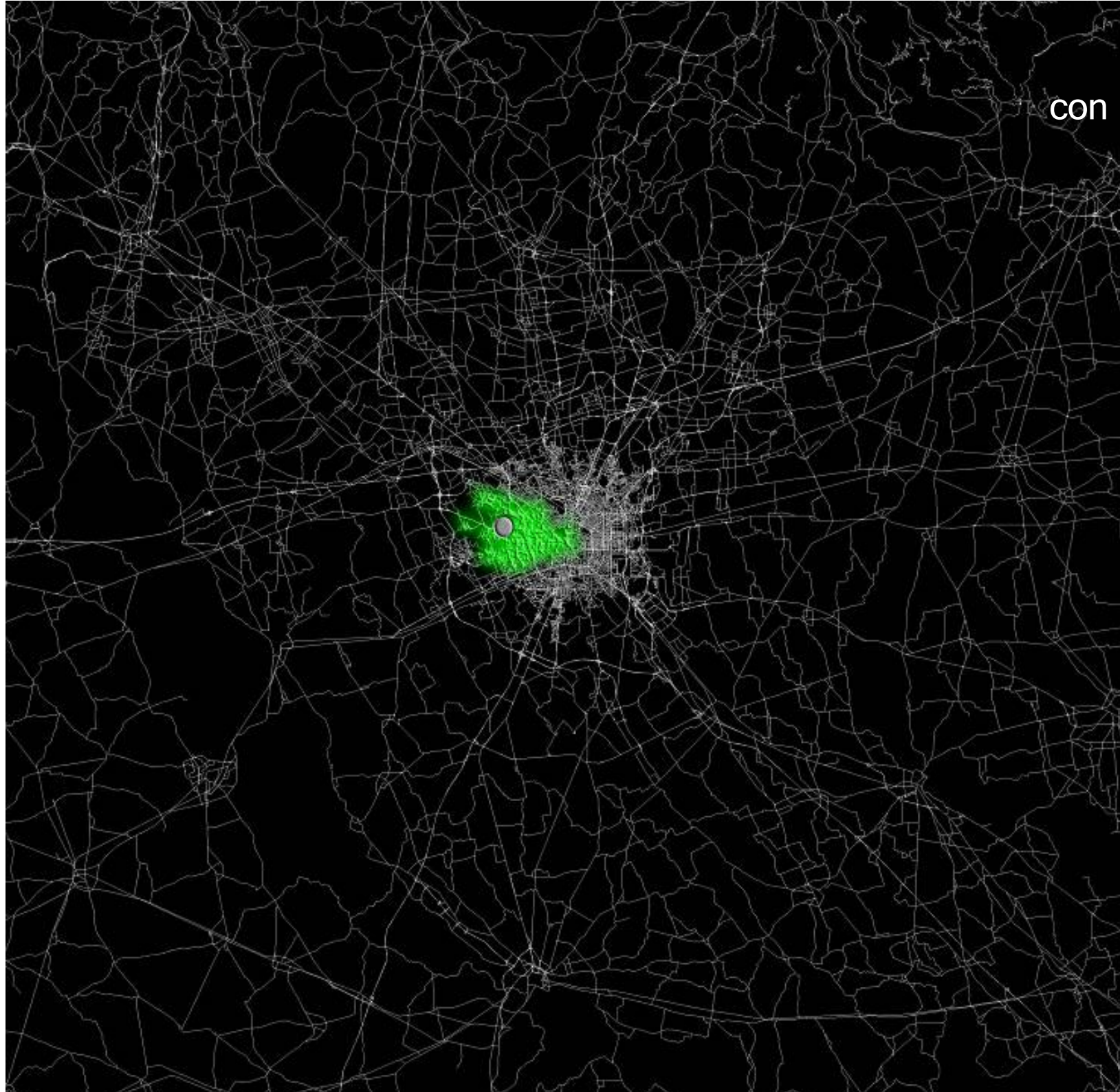
4.3



Milano

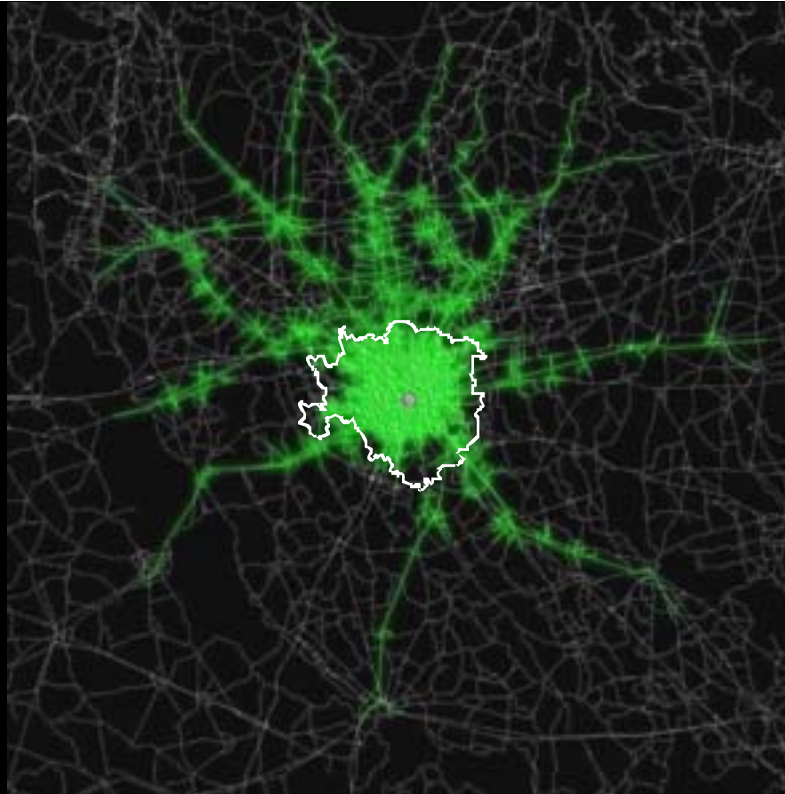
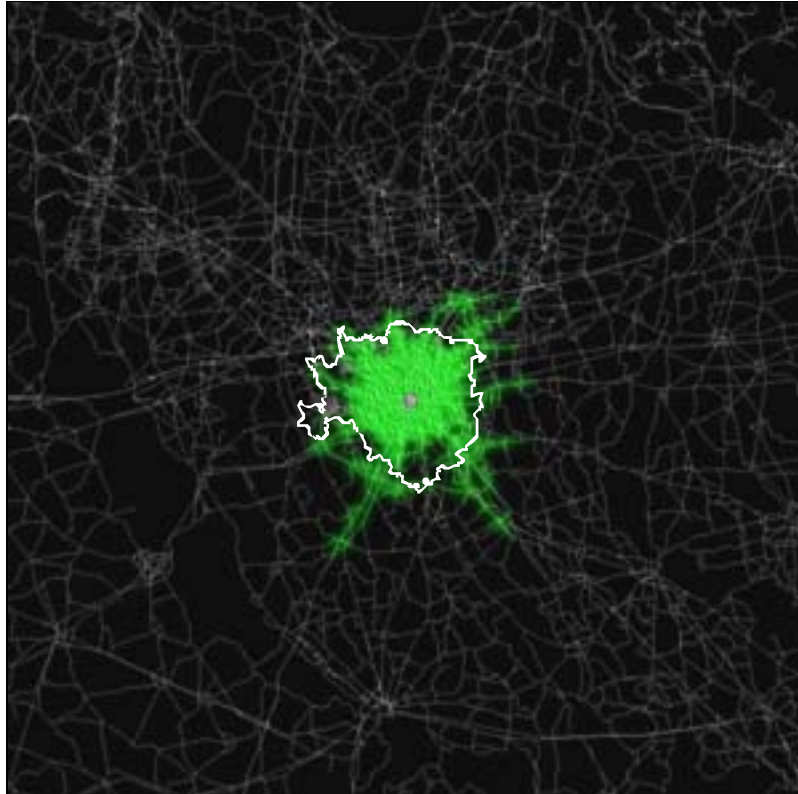
con trasporto pubblico

sabato
dopo cena

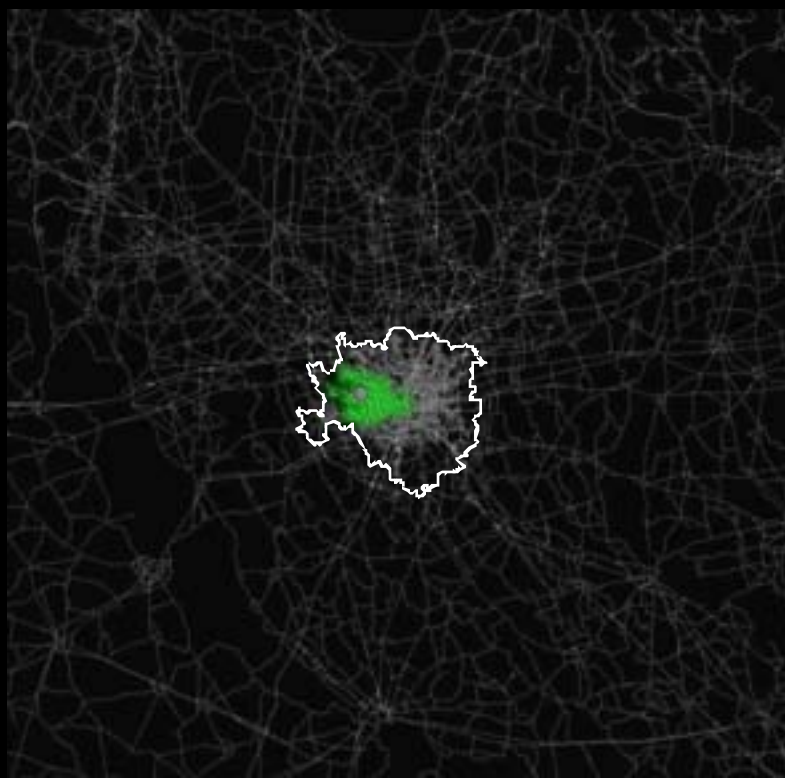
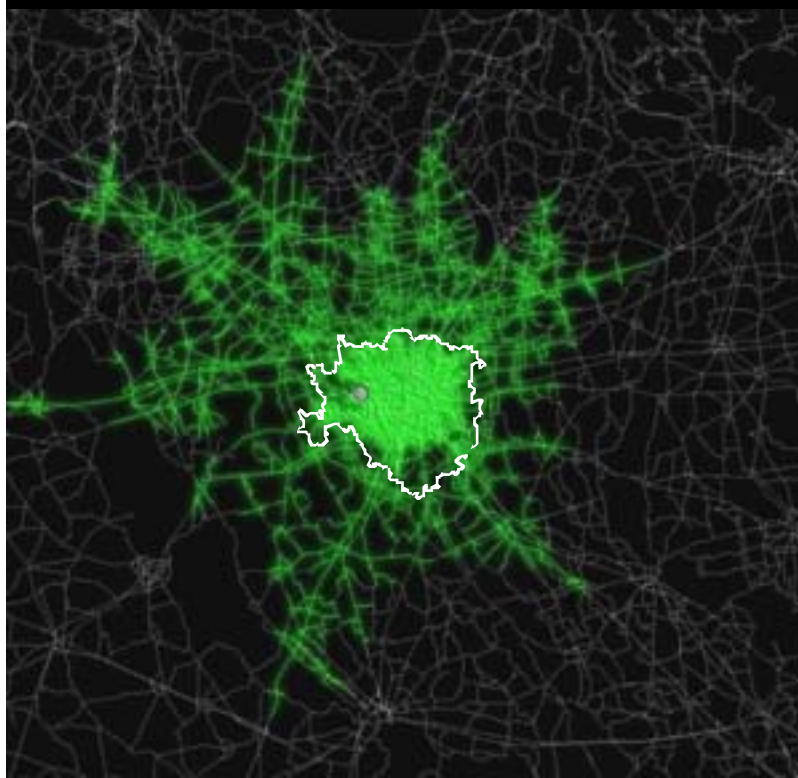


0.4

Milano



mutevoli
forme di



città

Los Angeles



Los Angeles

work

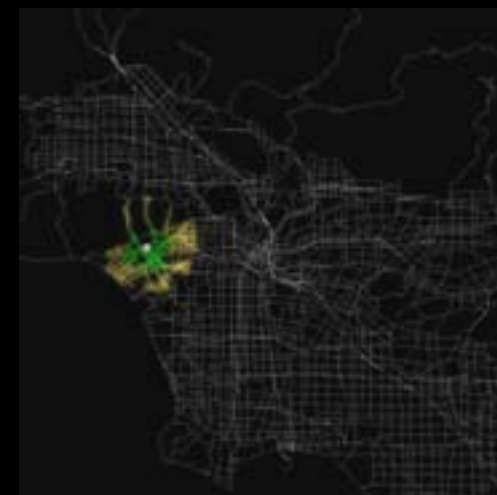
leisure

sport events

university



car



public transport

Tokyo



Tokyo

work

leisure

sport events

university

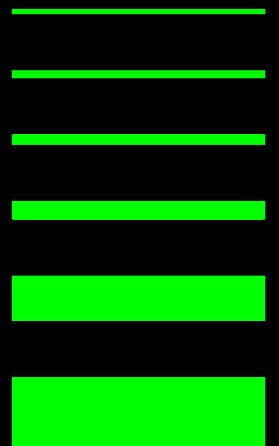


car



public transport

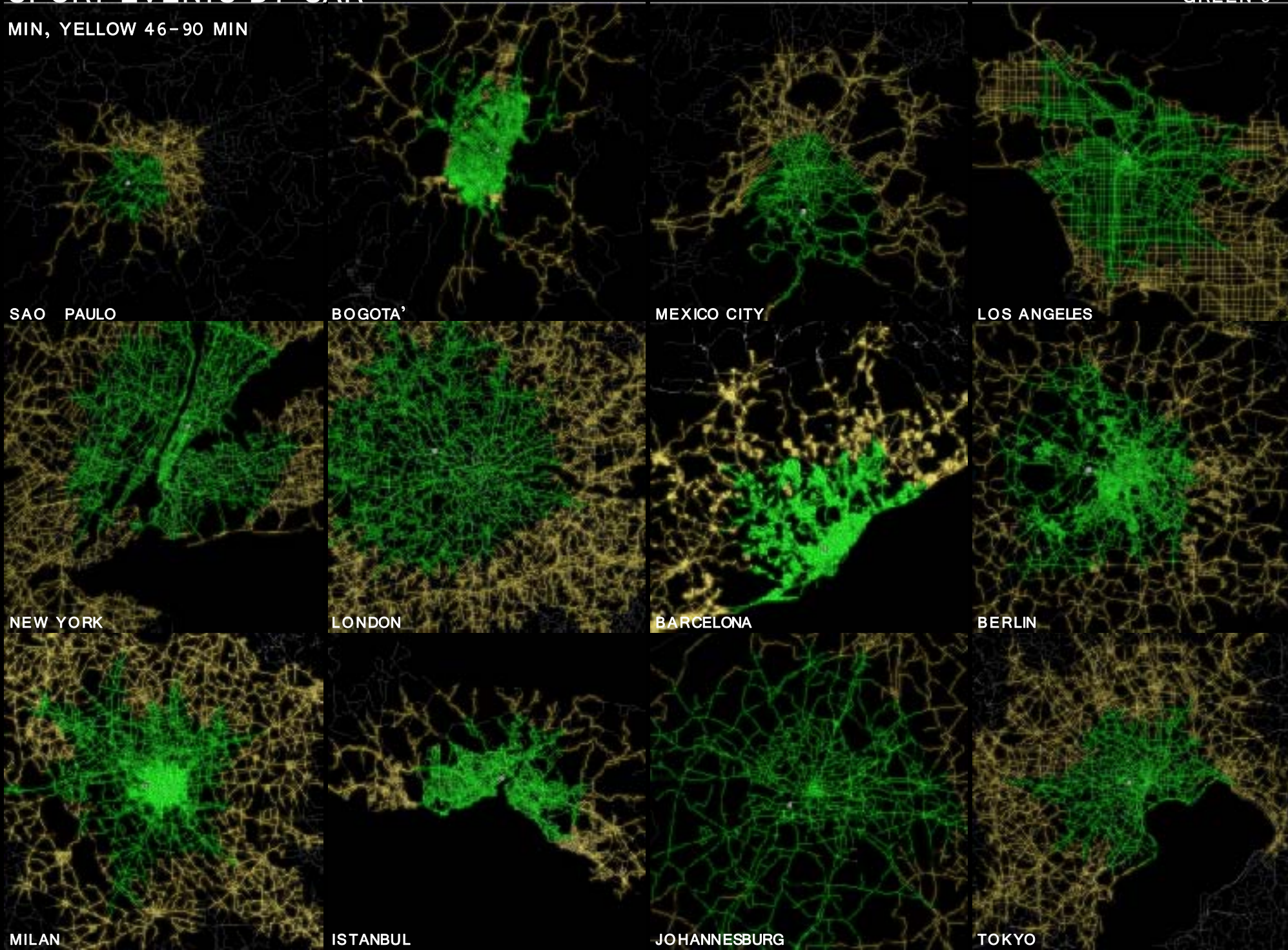
mutevoli forme di città



SPORT EVENTS BY CAR

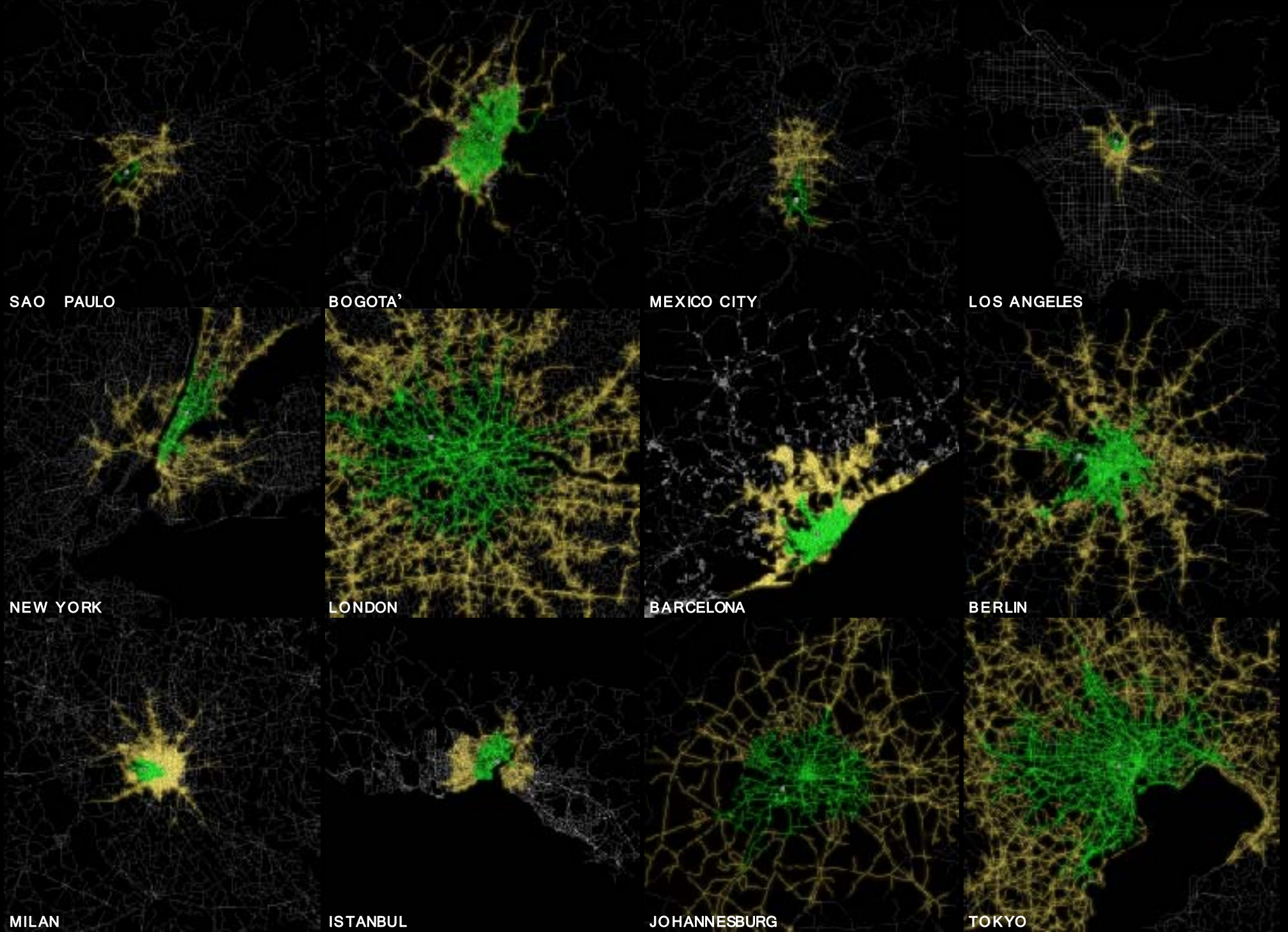
GREEN 0-45

MIN, YELLOW 46-90 MIN



SPORT EVENTS BY PUBLIC TRANSPORT

GREEN 0-45 MIN, YELLOW 46-90 MIN



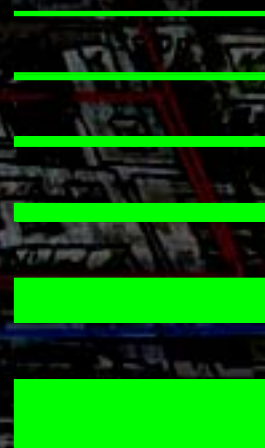
khrónopolis.

città

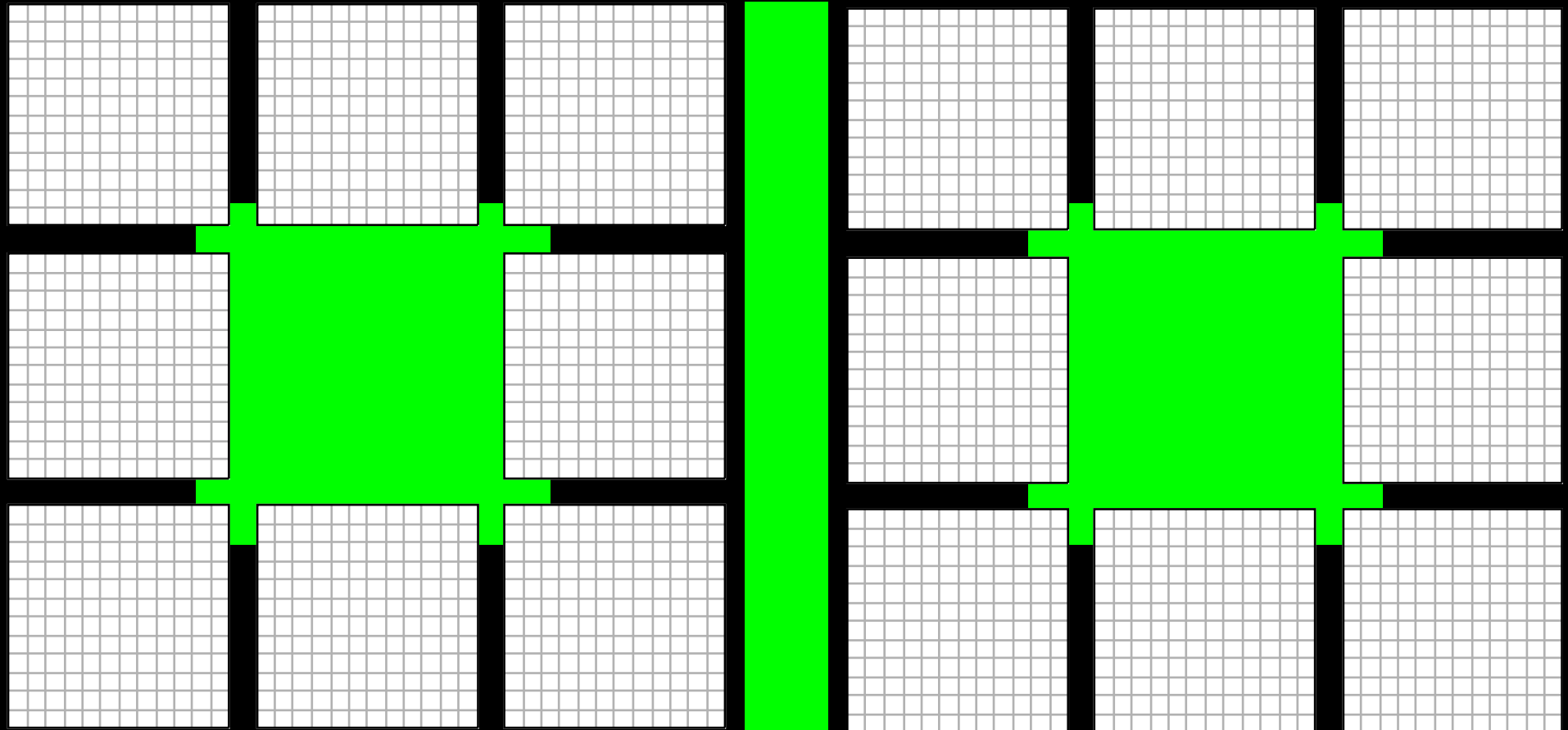
accessibile, città

possibile

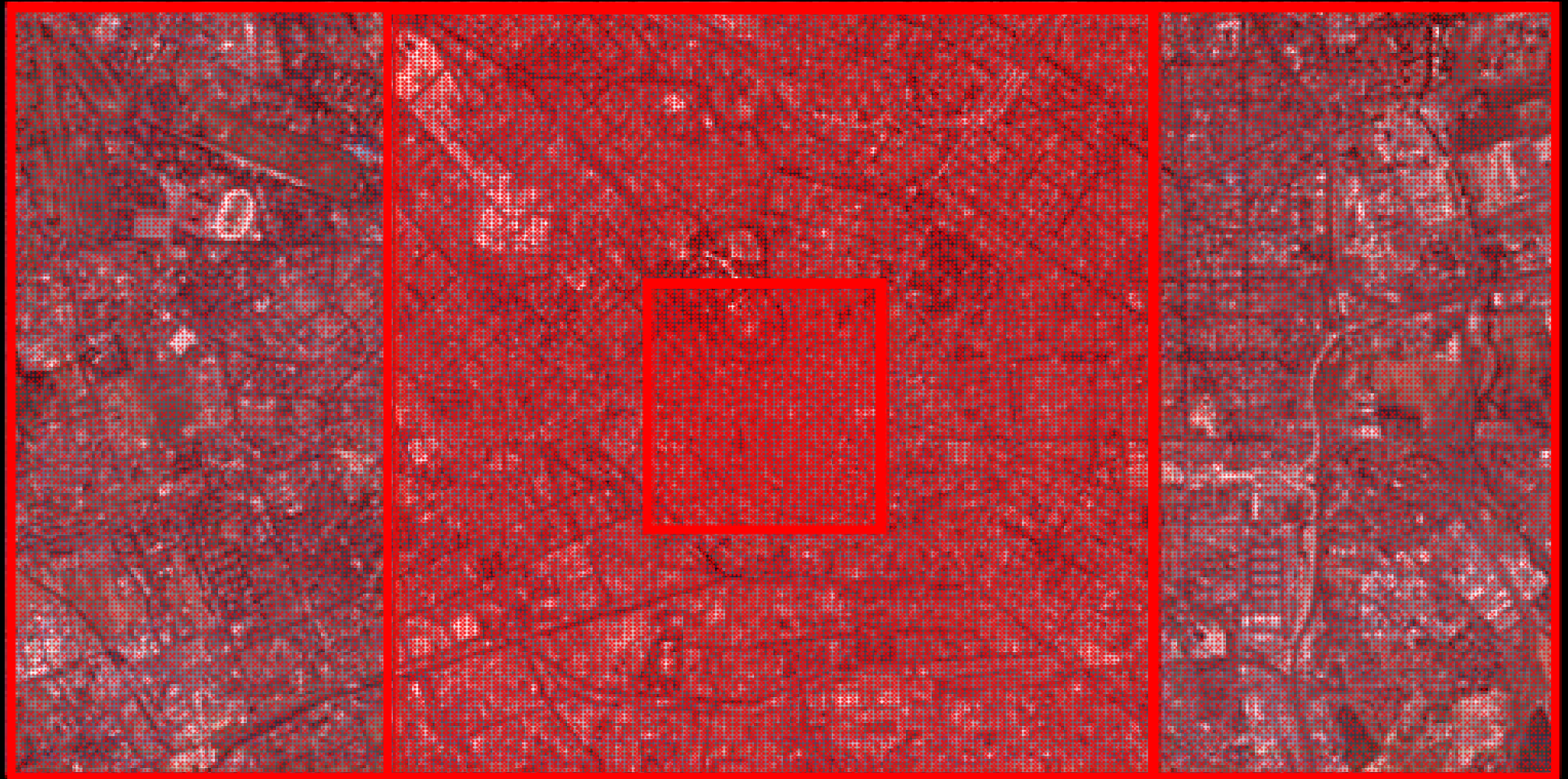
3



green core



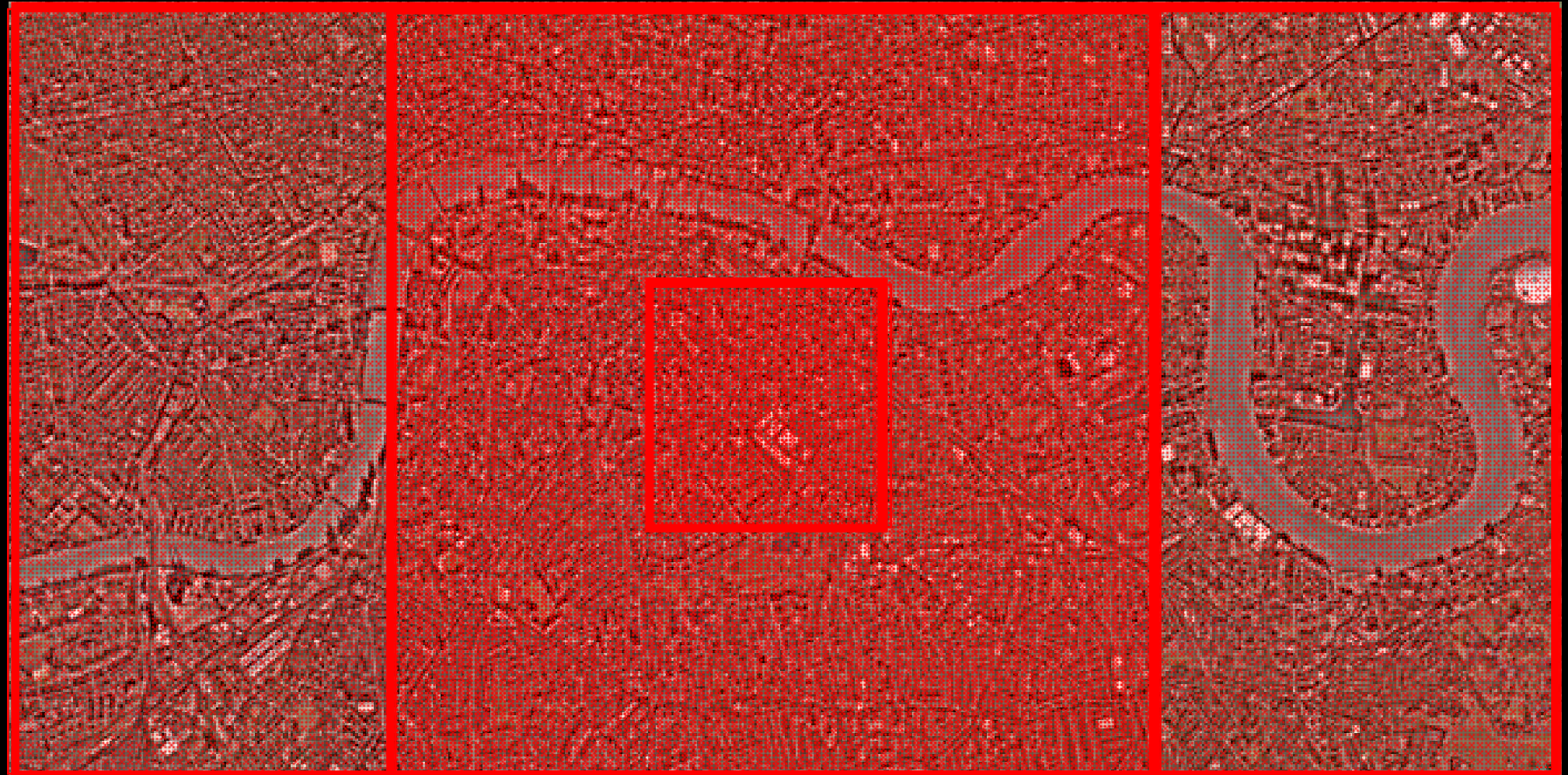
milano



parigi



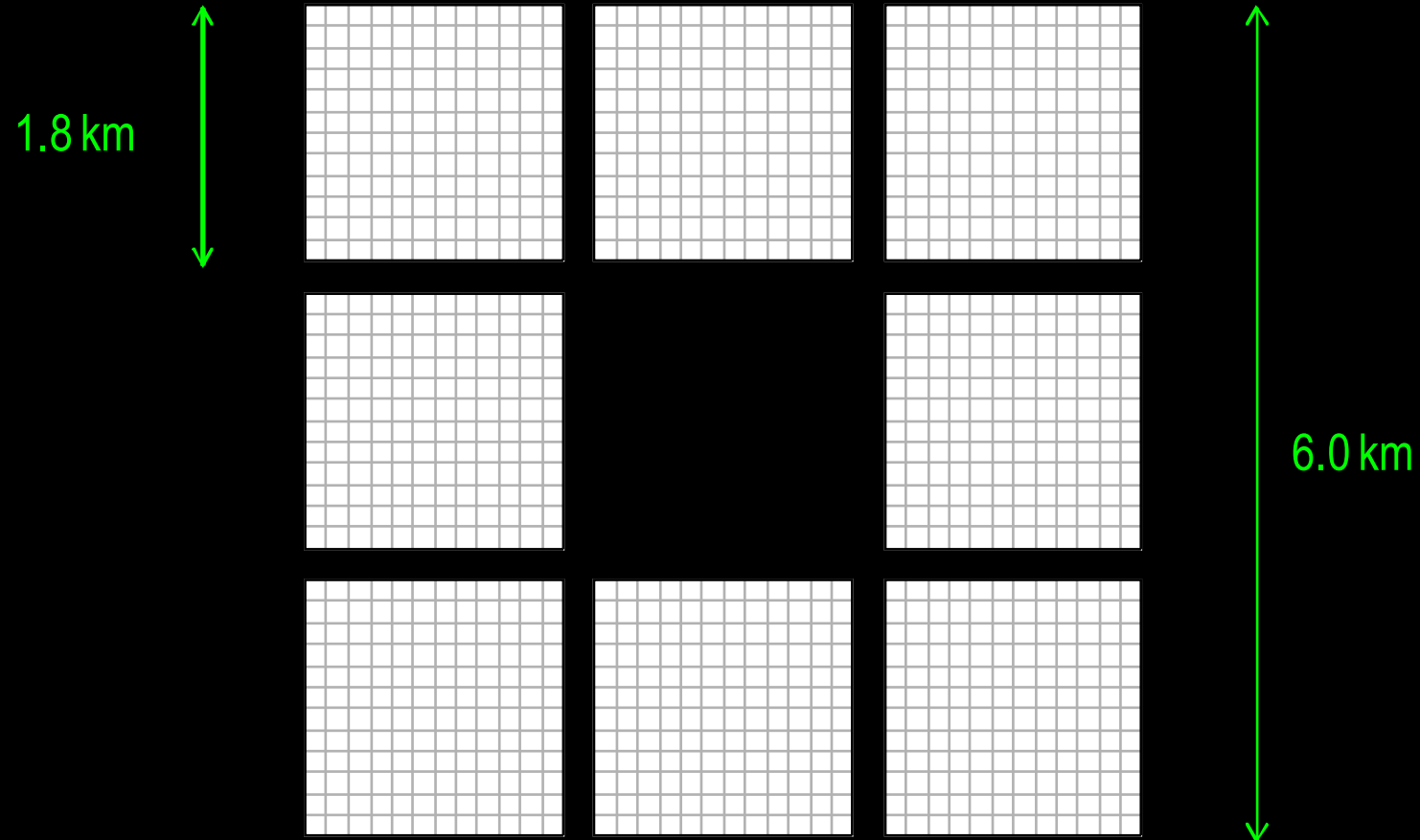
londra



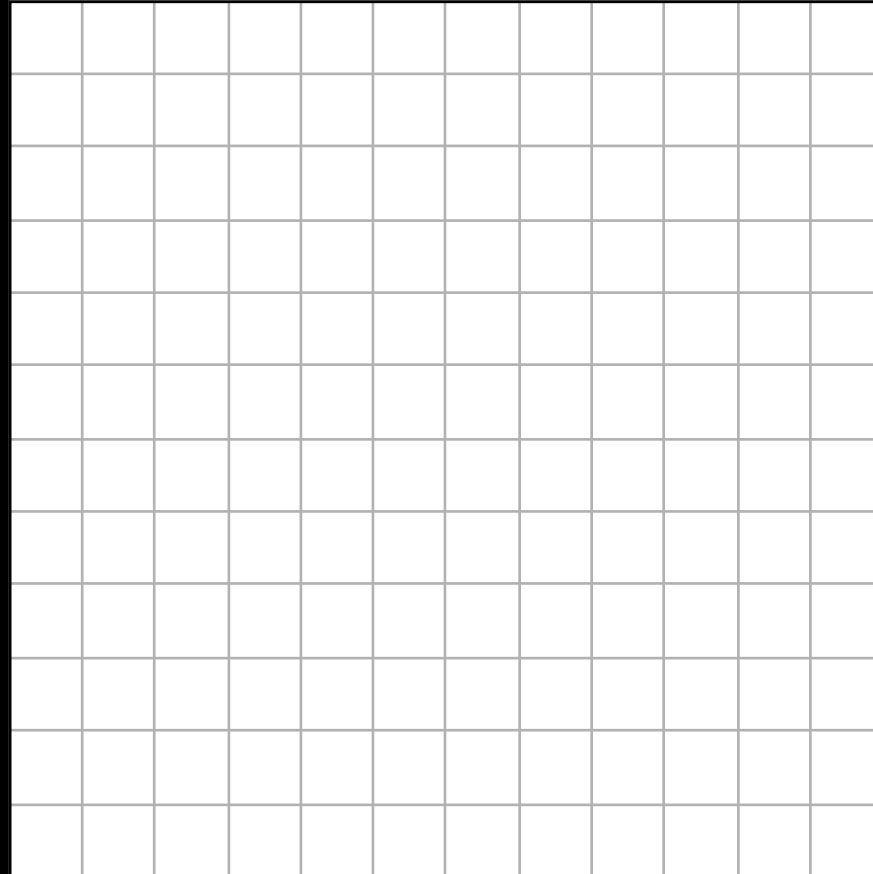
new york



modulo urbano (6km x 6km)

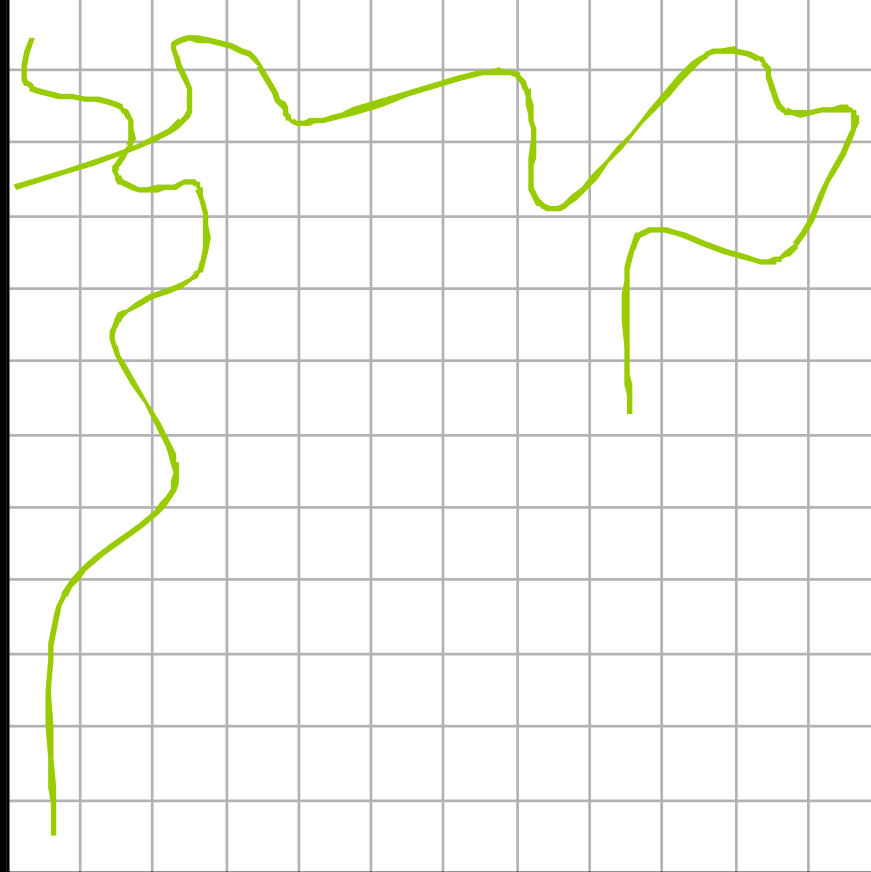


singolo blocco (1.8km x 1.8km)

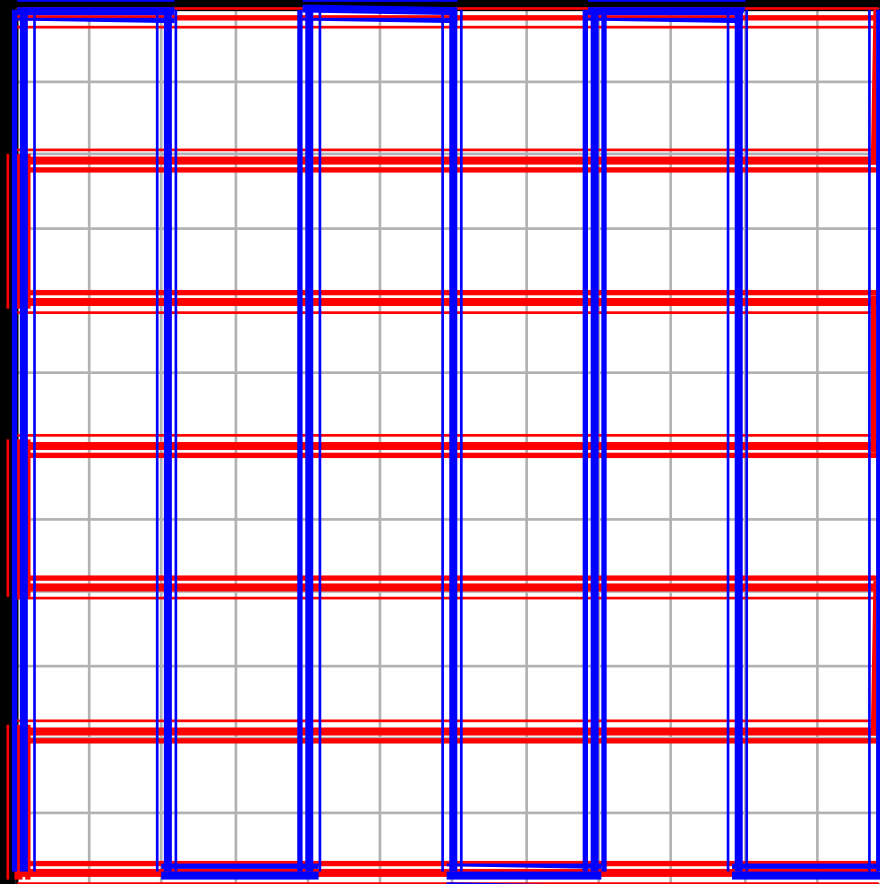


1.8 km

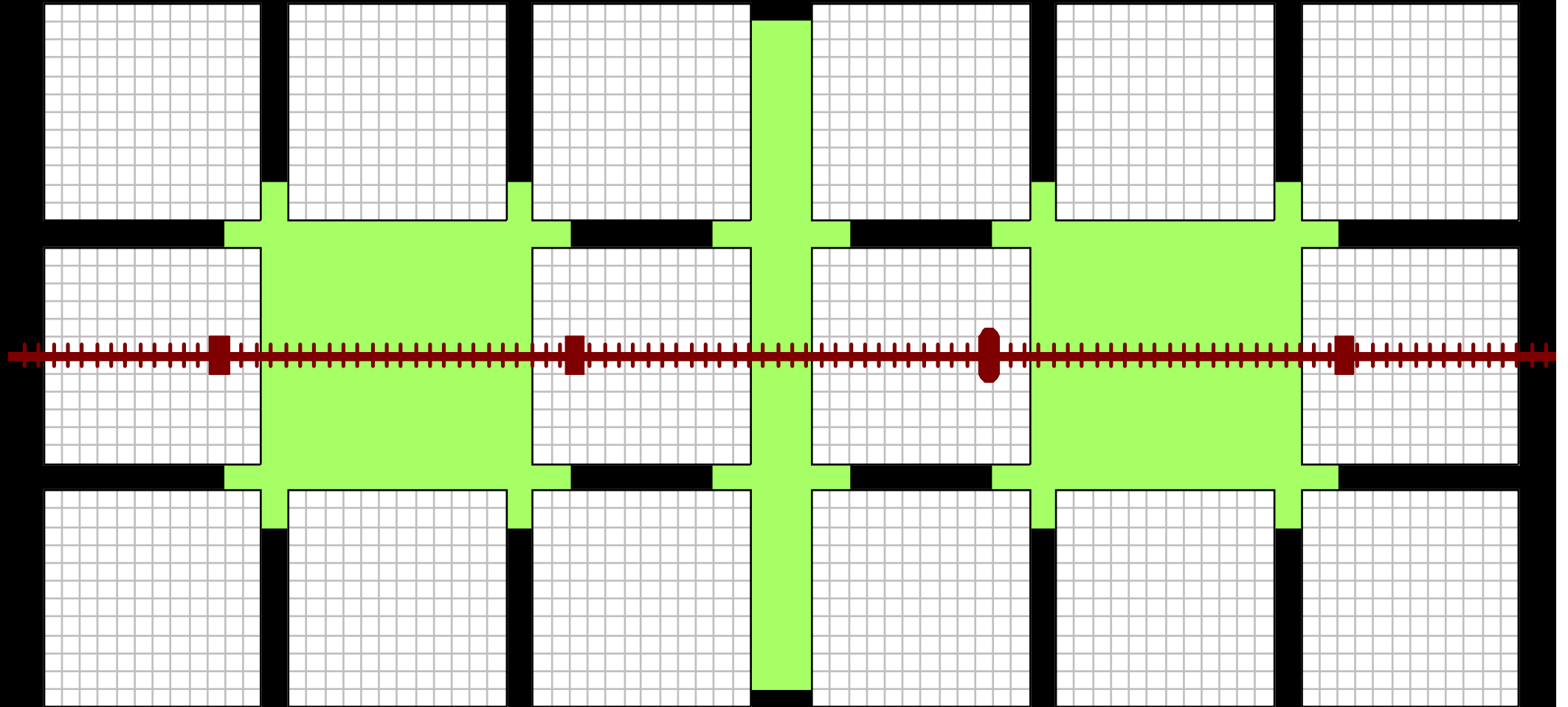
rete pedonale & ciclabile (griglia=150mt)



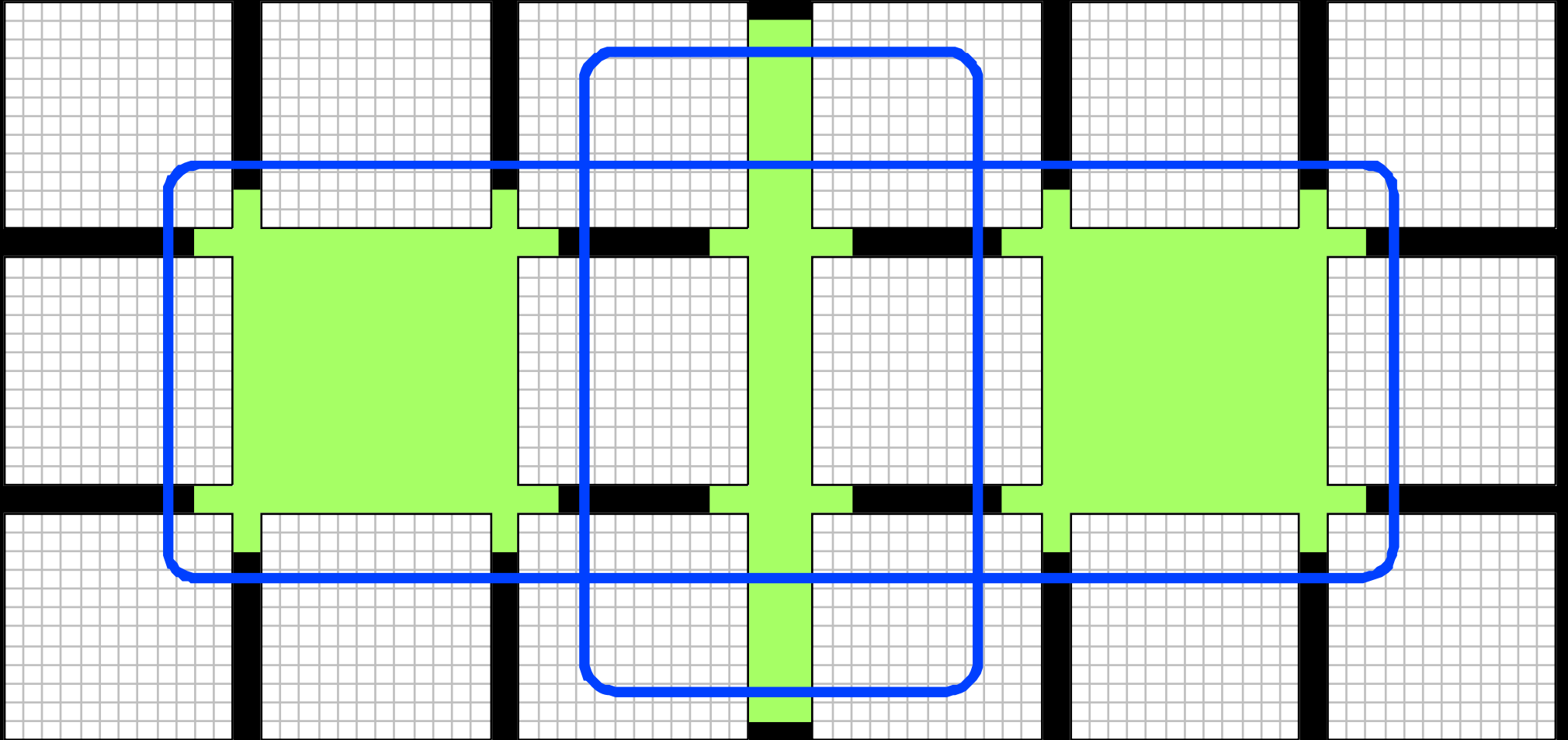
schema di trasporto pubblico (griglia=300mt)



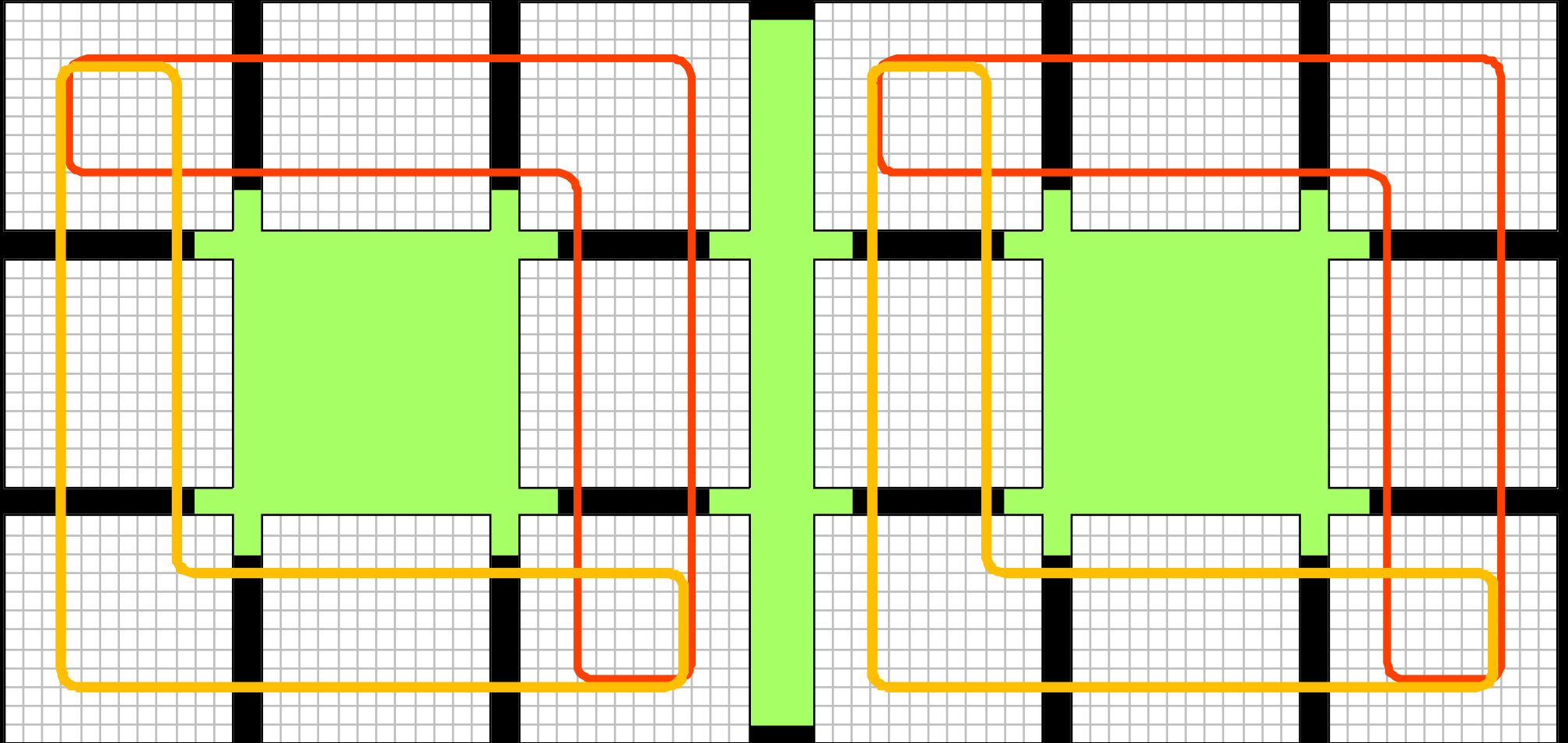
rete di trasporto pubblico - ferrovia regionale



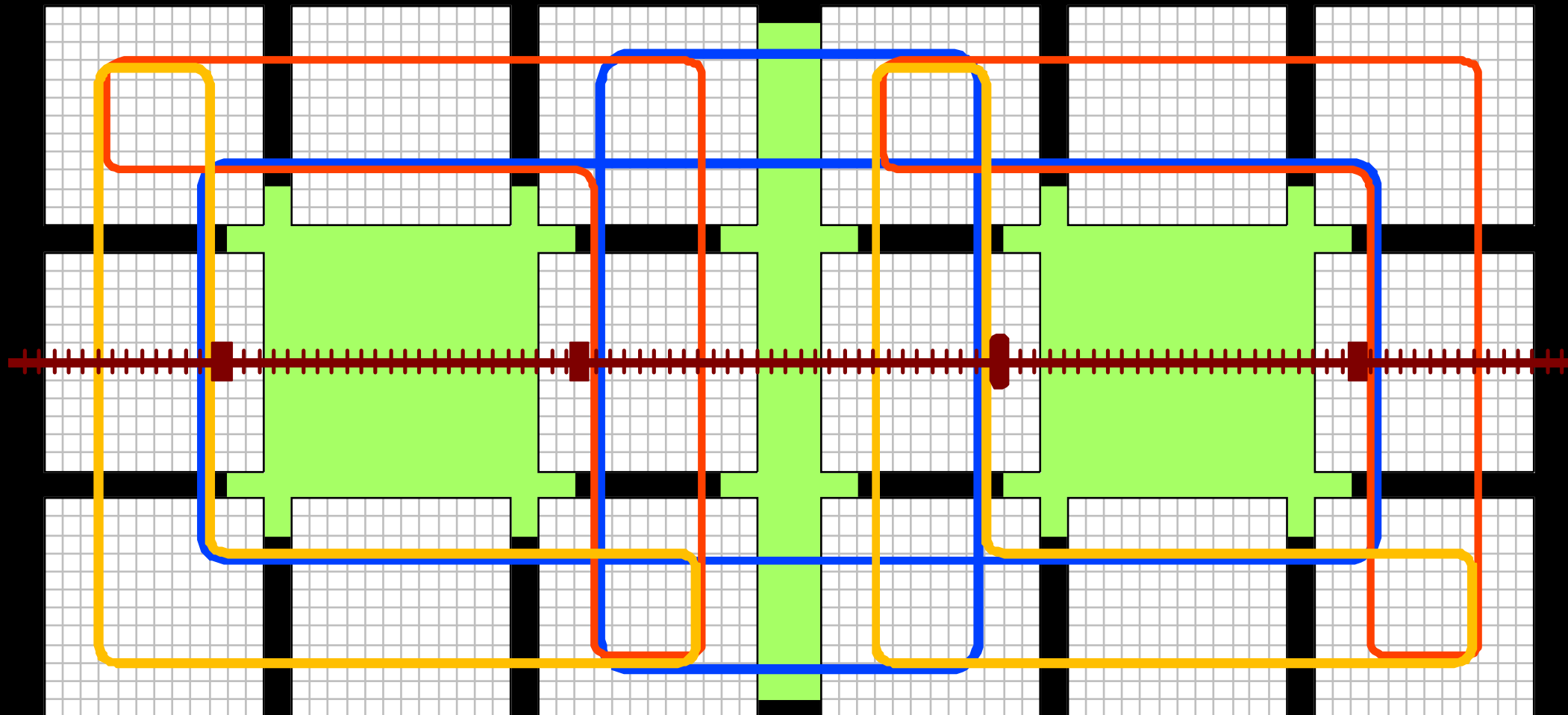
rete di trasporto pubblico - metropolitana

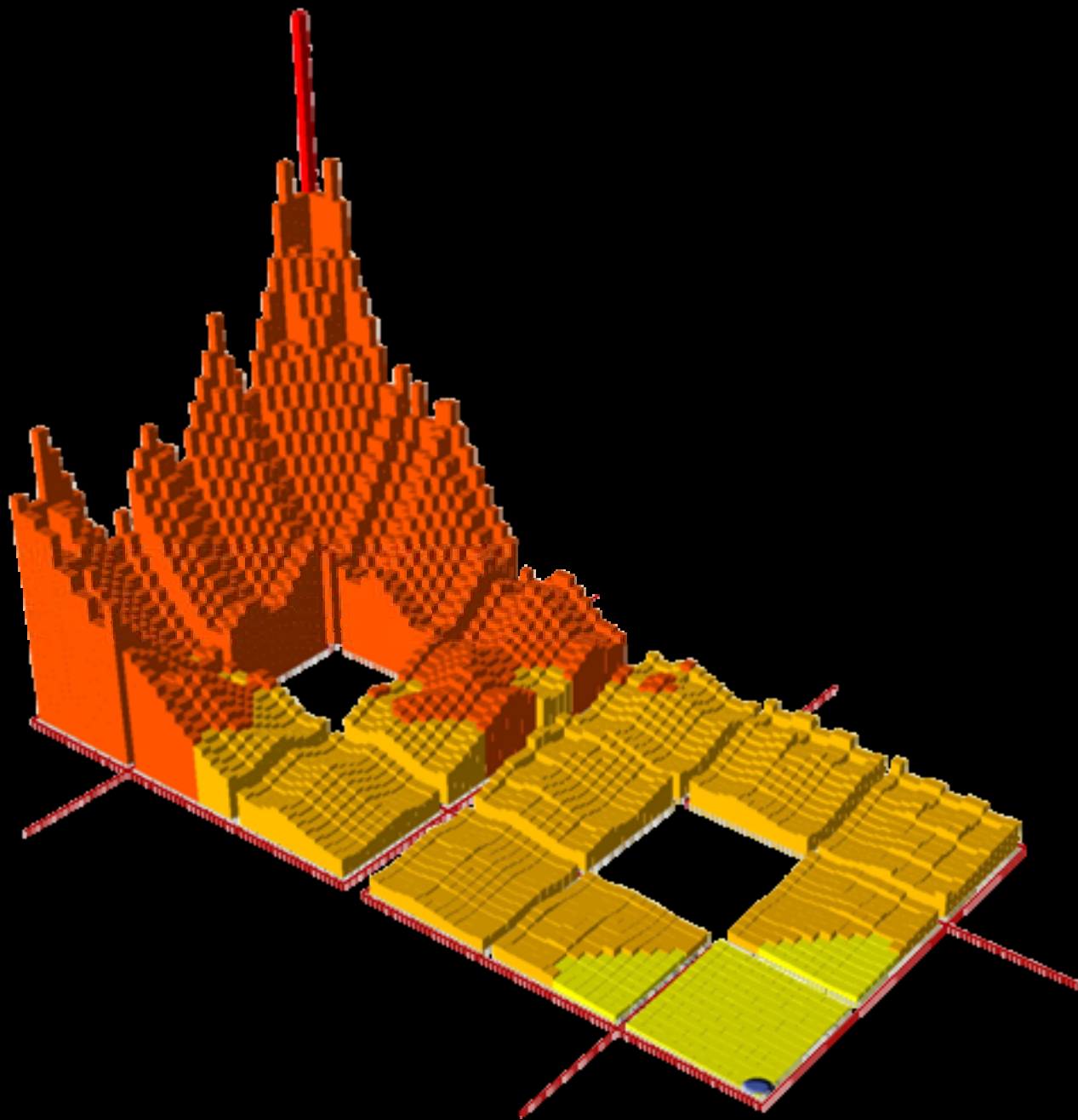


rete di trasporto pubblico - brt o monorotaia

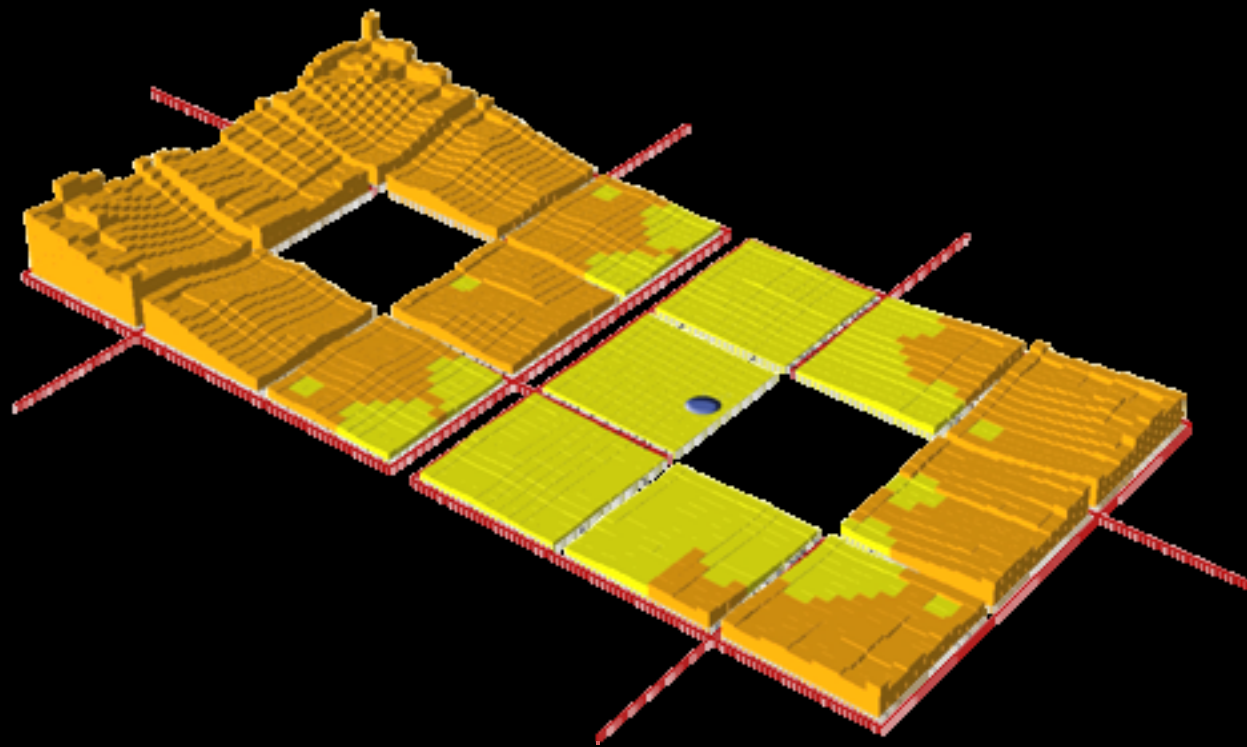


rete di trasporto pubblico

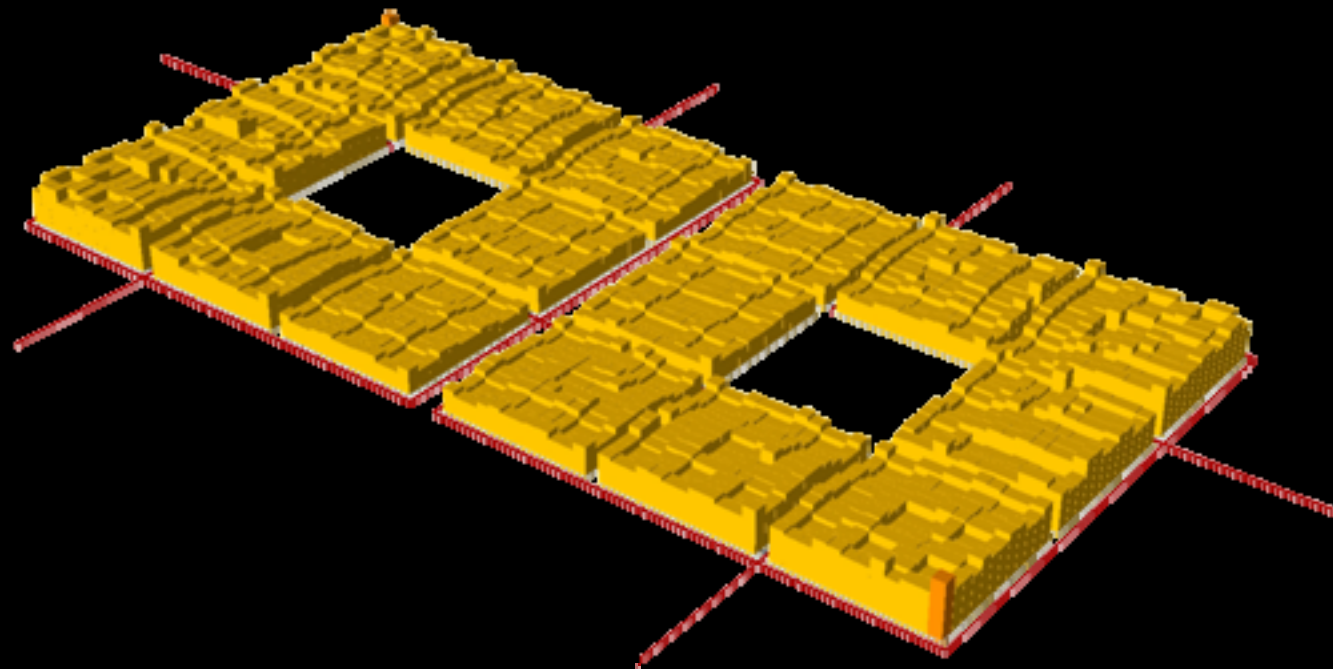




accessibilità con trasporto pubblico dal limite urbano: max 45'

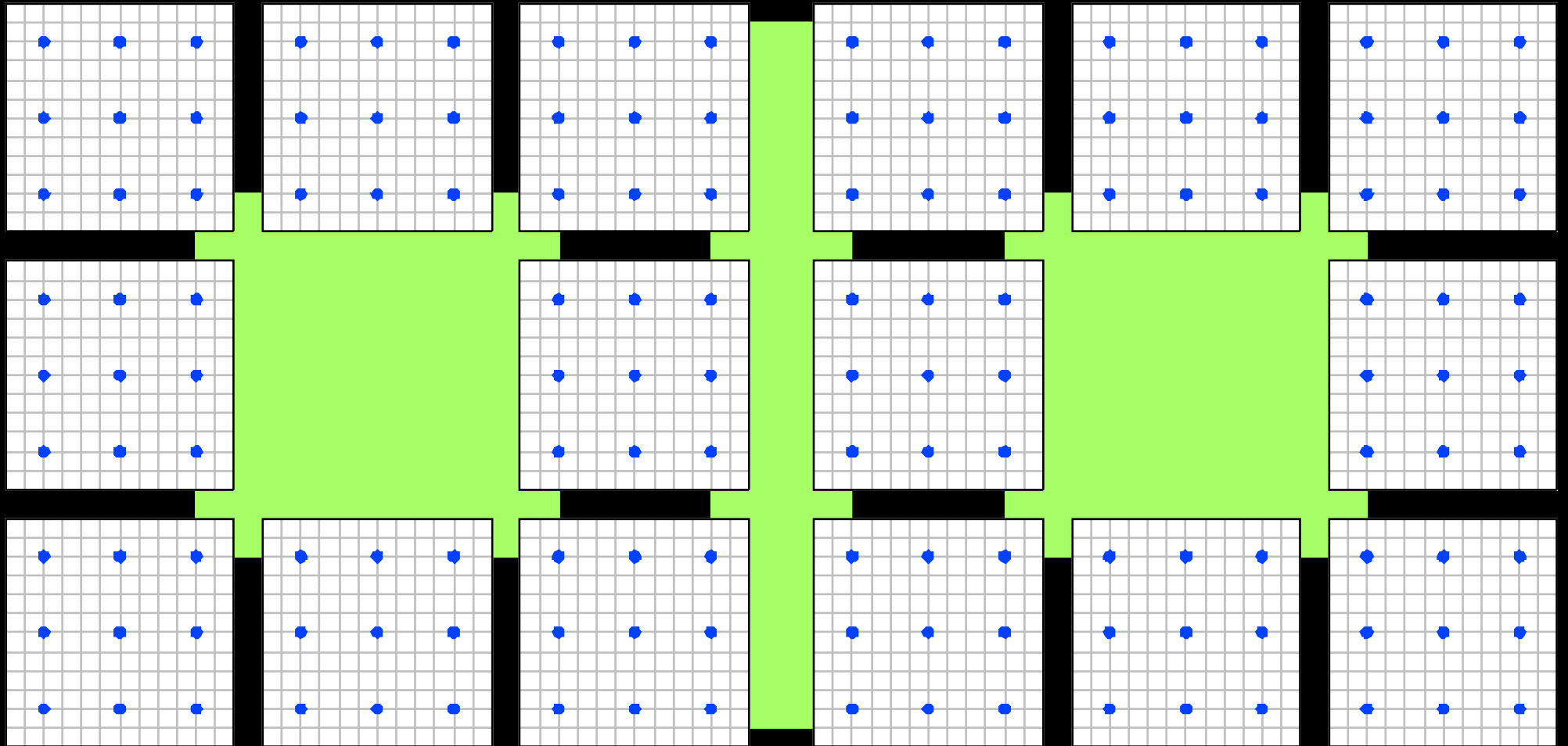


accessibilità con trasporto pubblico dalla stazione AV: max 30'



tempo medio con trasporto pubblico: 20'

rete di trasporto pubblico & eco_stazioni



eco_sistemi a noleggio nelle eco_stazioni



funzioni urbane: vecchia visione (distanza)

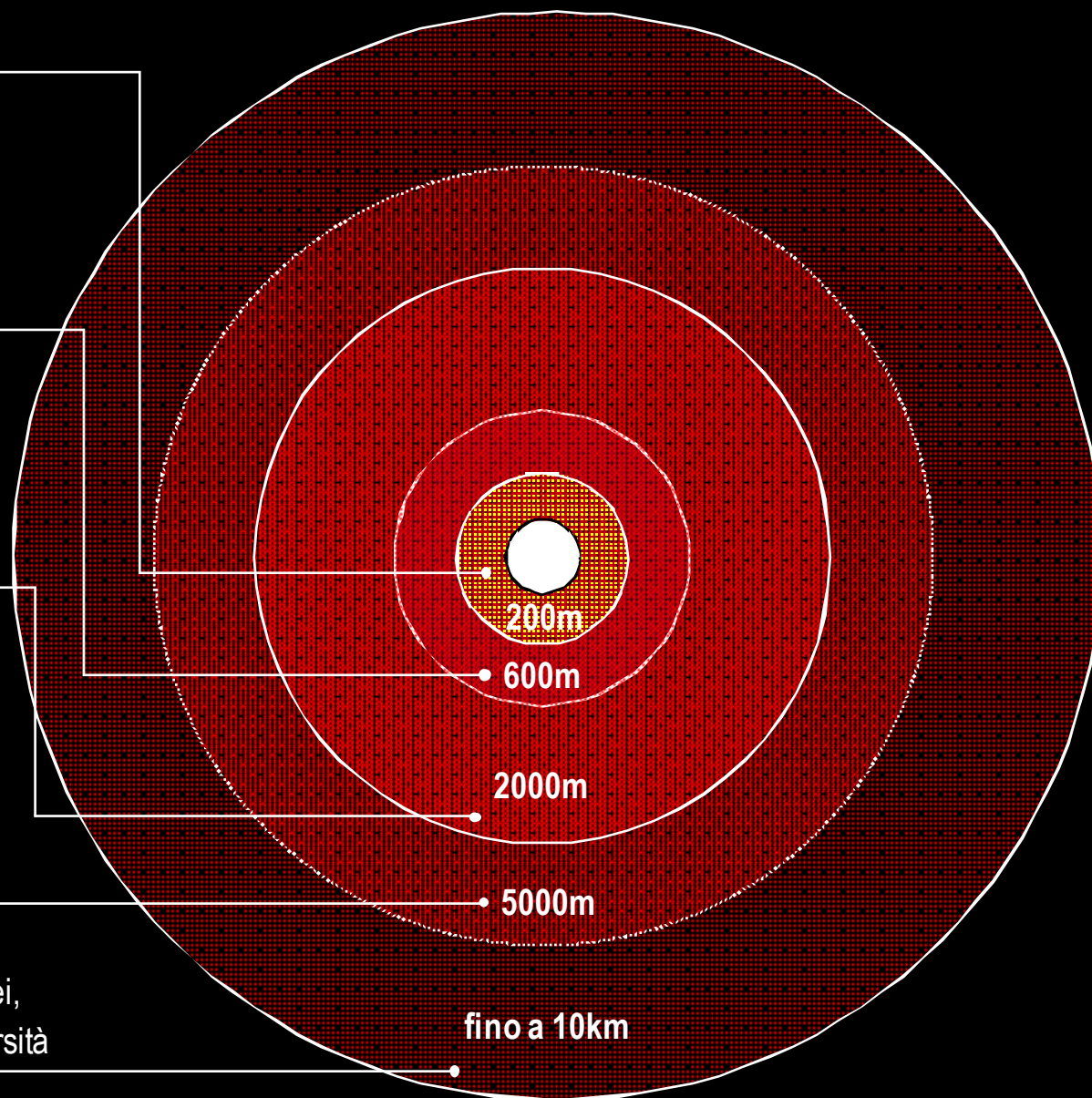
Isolato: verde, asilo, negozi

Quartiere: scuola elementare, ufficio postale, mercato di quartiere, centro sportivo, parco di quartiere

Distretto: centro medico, scuola media inferiore, chiesa/moschea, svago, galleria d'arte

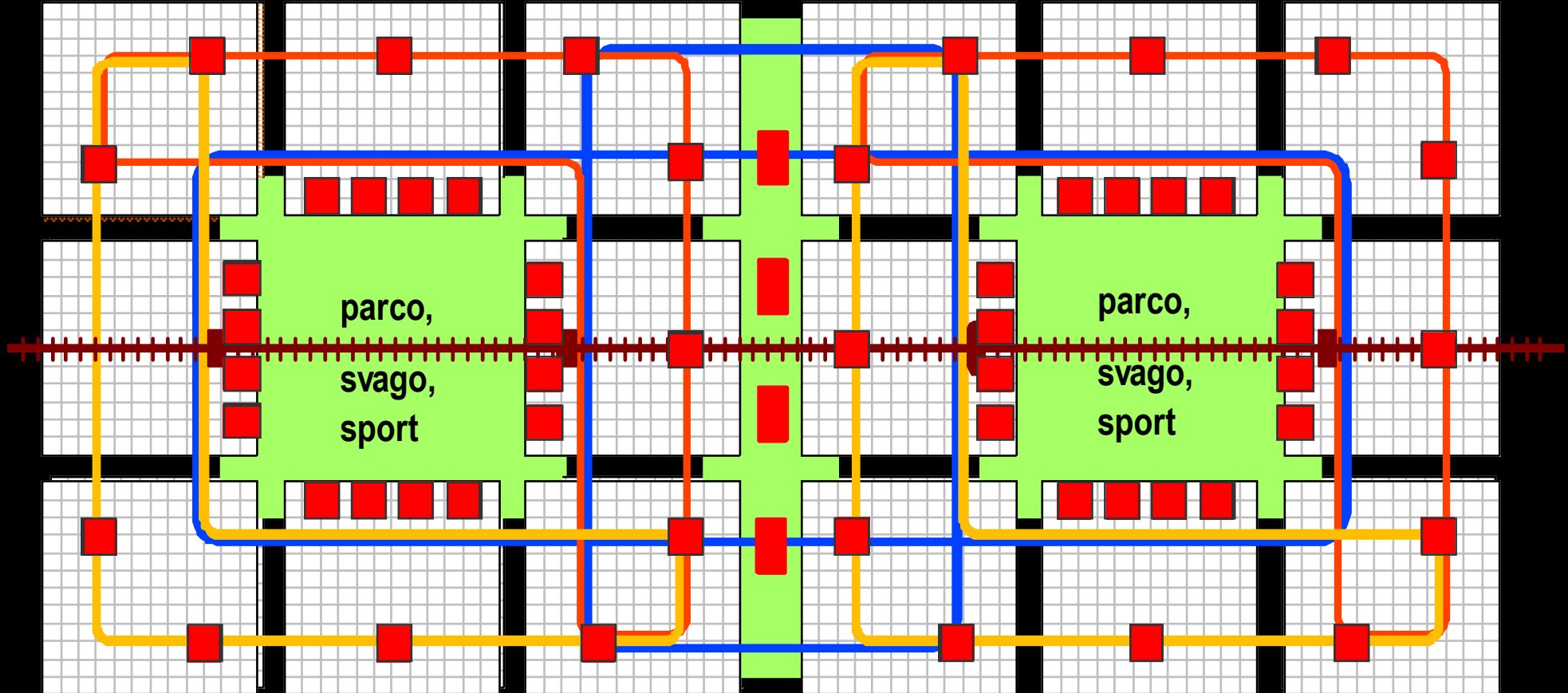
Nucleo urbano: scuola media superiore, parco, centro cultura/svago, ospedale generale

Città vasta: principali servizi urbani, grandi musei, centri congressi, grandi teatri, università



residential blocks, crèches, primary schools, secondary schools, offices, light industries, banks, hotels, post offices, retail and shopping hubs, sports halls, local parks, health centres, churches / mosques, places of leisure and libraries

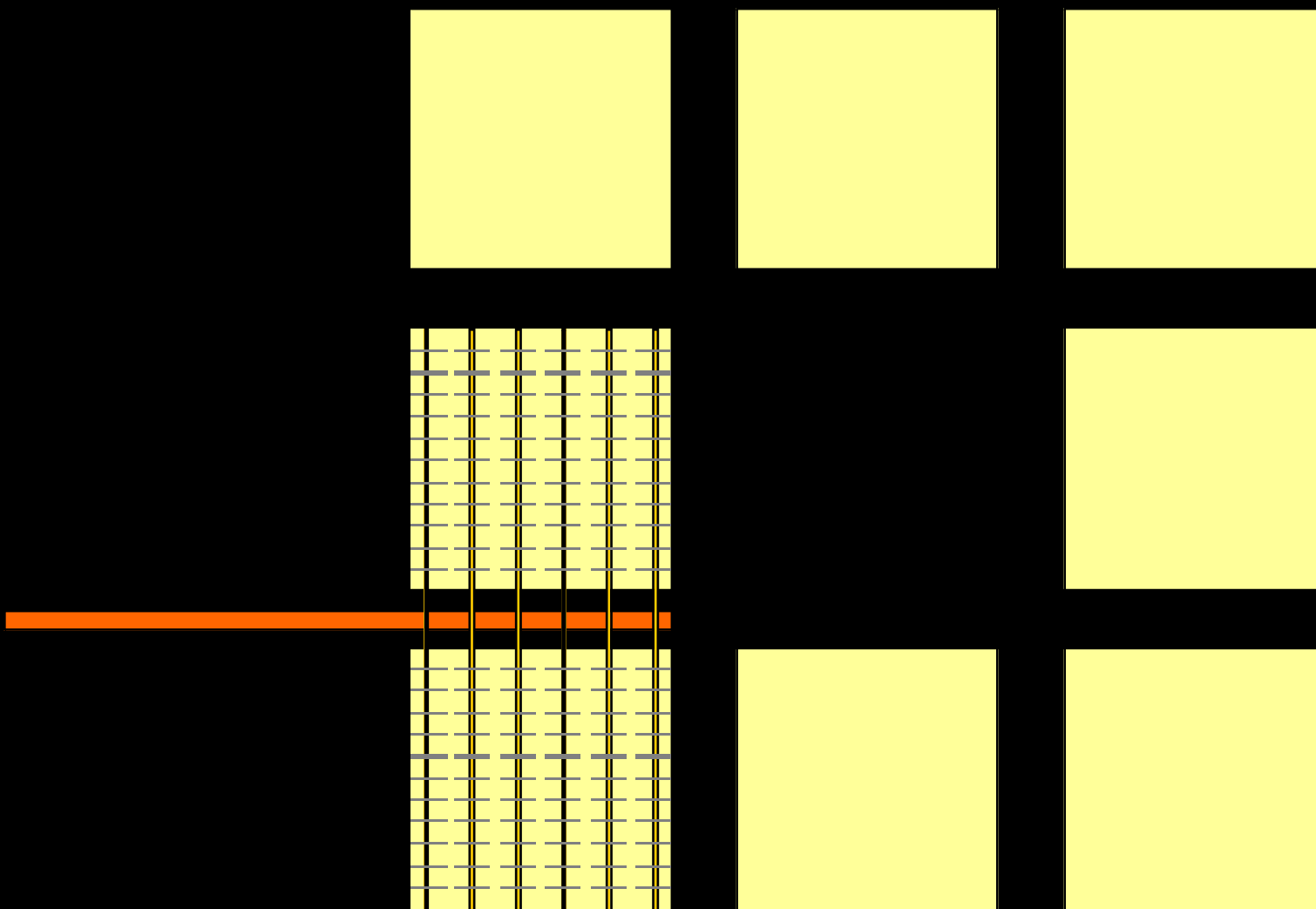
funzioni urbane : nuova visione (tempo)



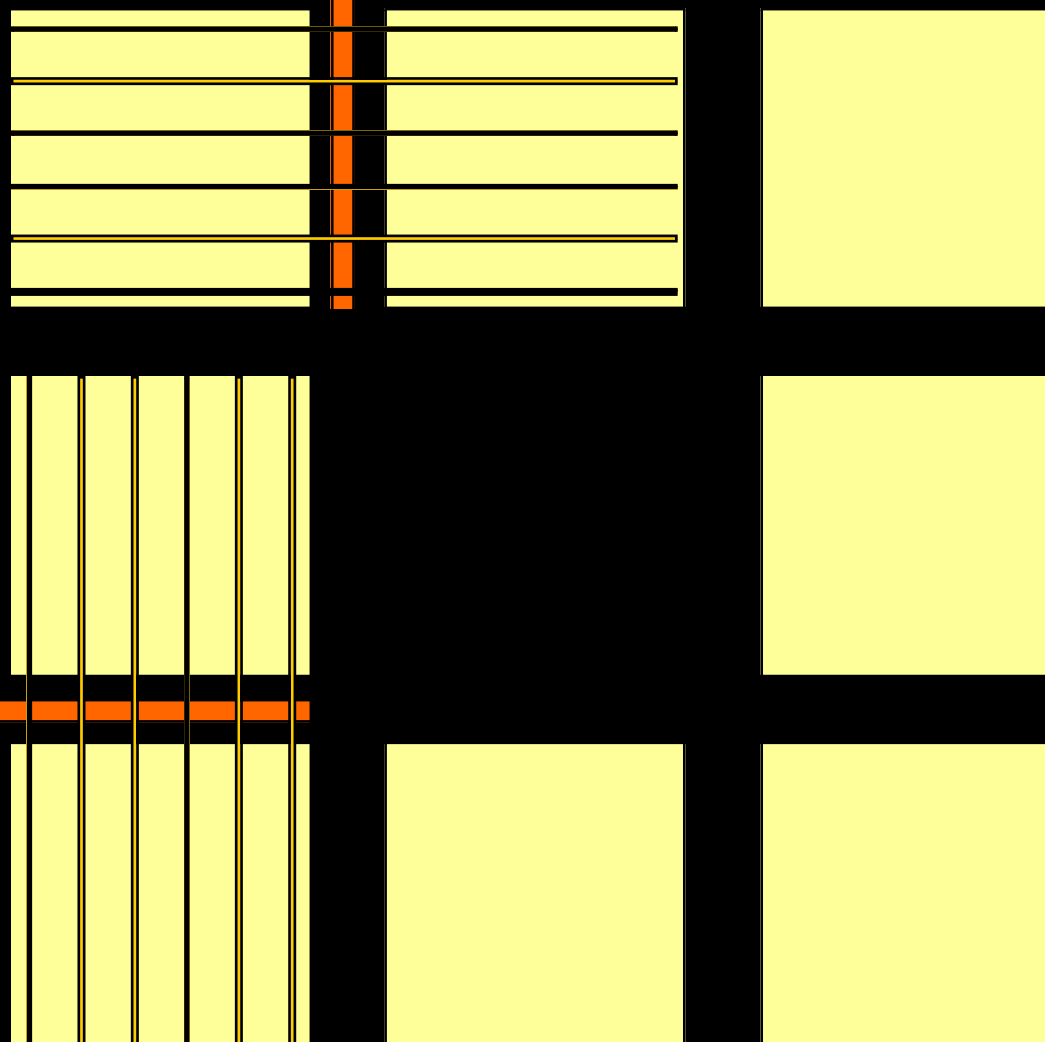
higher education centres, universities cultural centres, entertainment centres, general hospitals, major public facilities, key museums, city halls and major theatres

trade fairs, exhibition centres, logistic centres, heavy industries, transport depots, wholesalers, hypermarkets, cemeteries, etc.

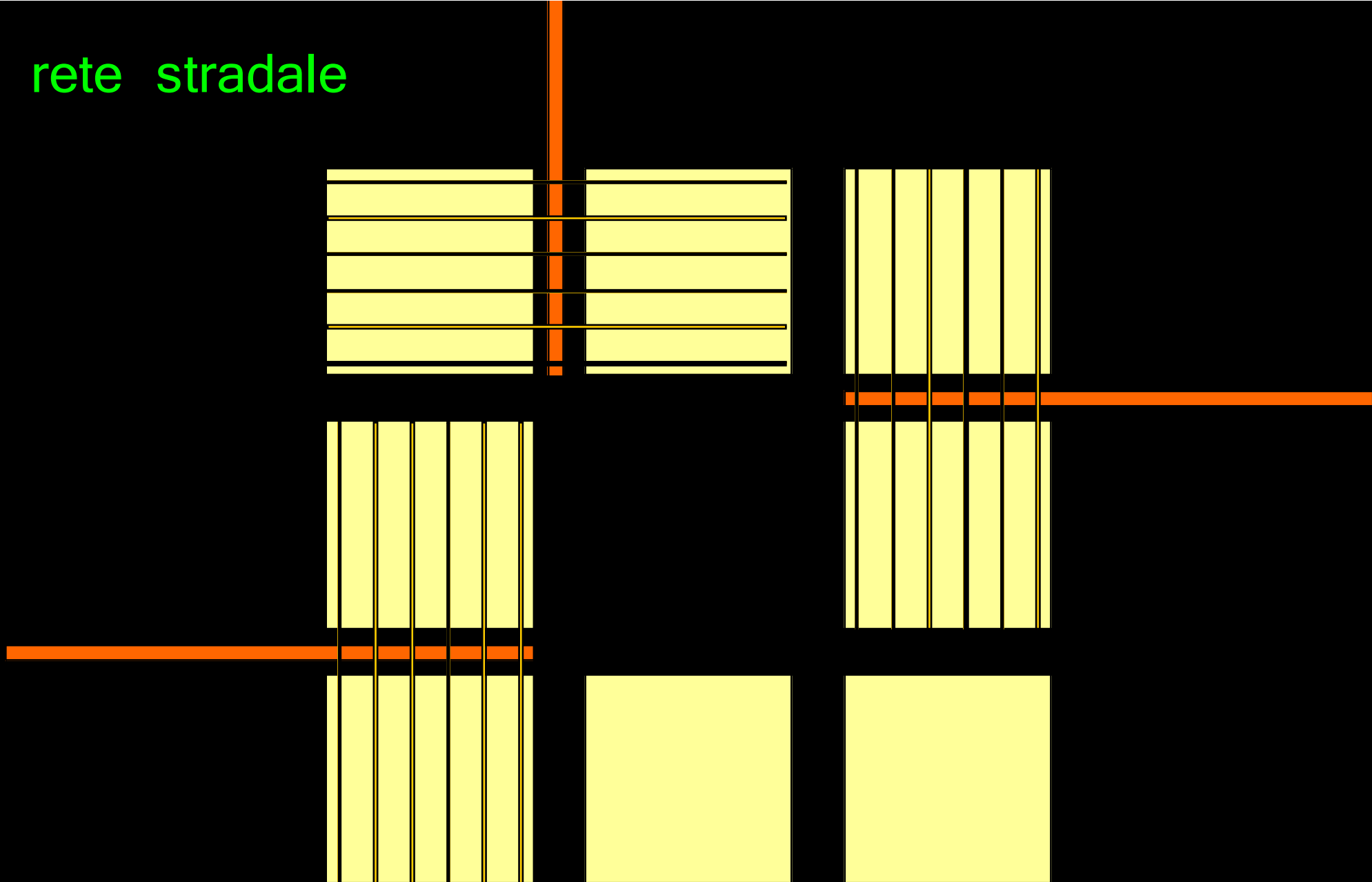
rete stradale



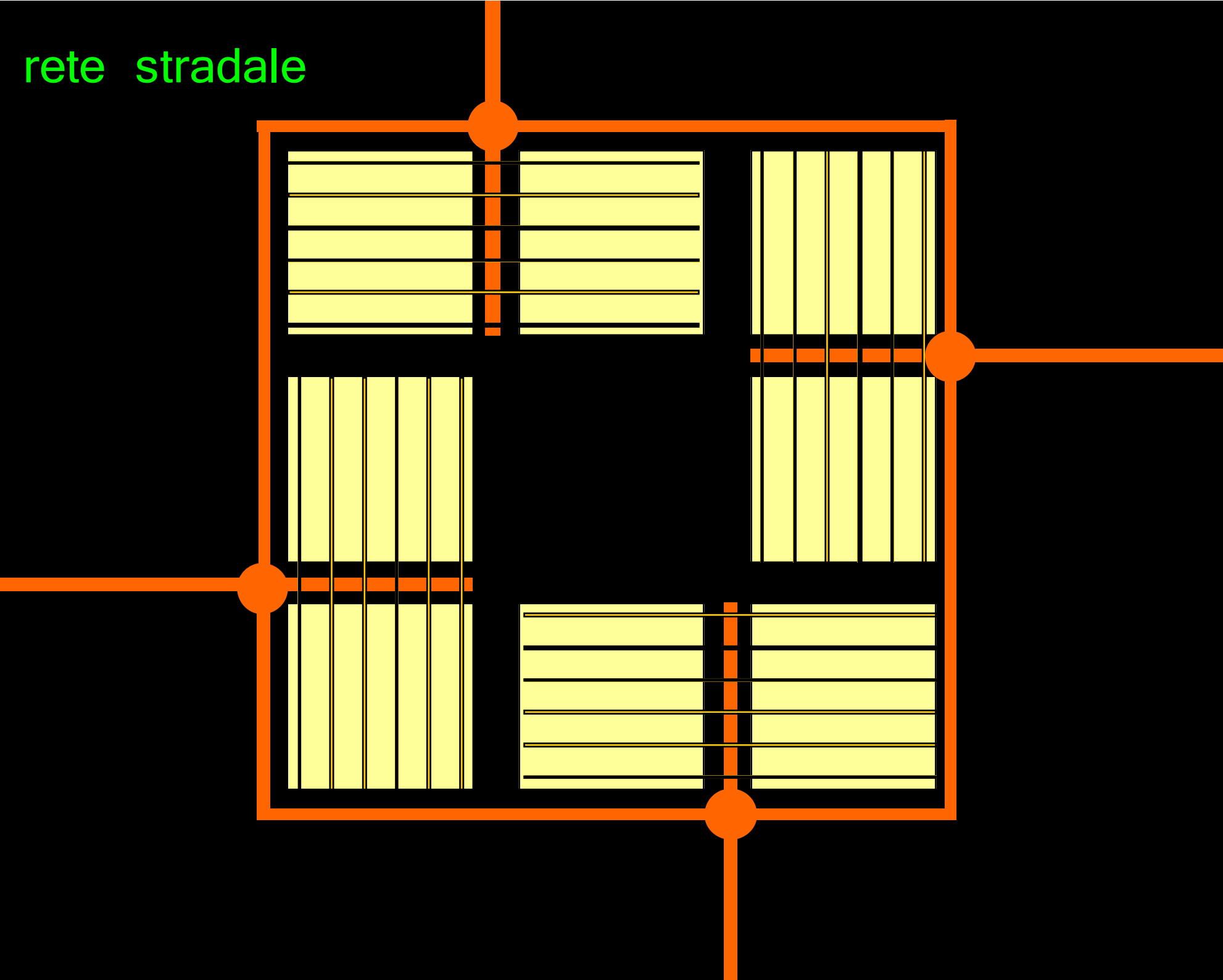
rete stradale



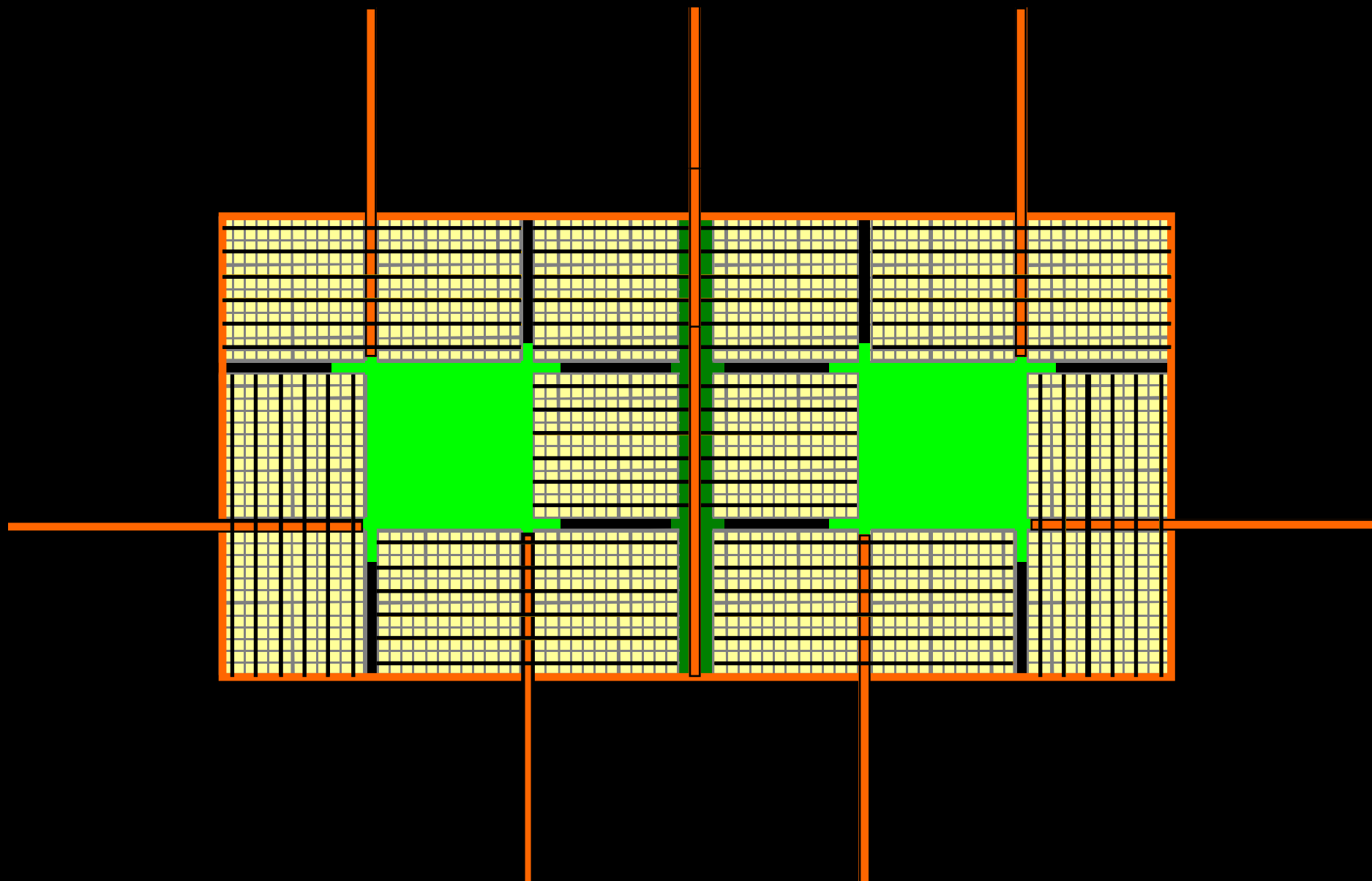
rete stradale



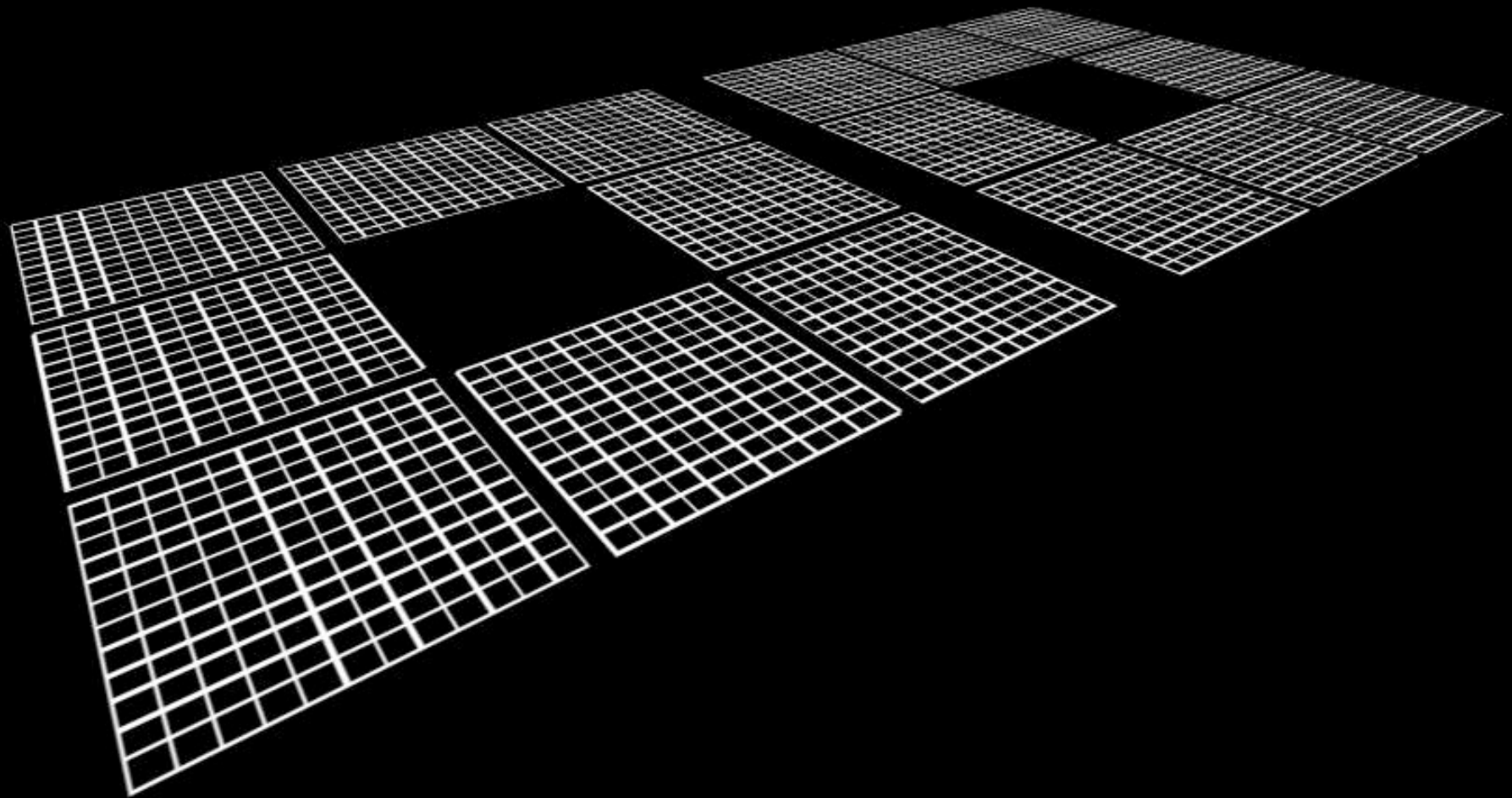
rete stradale



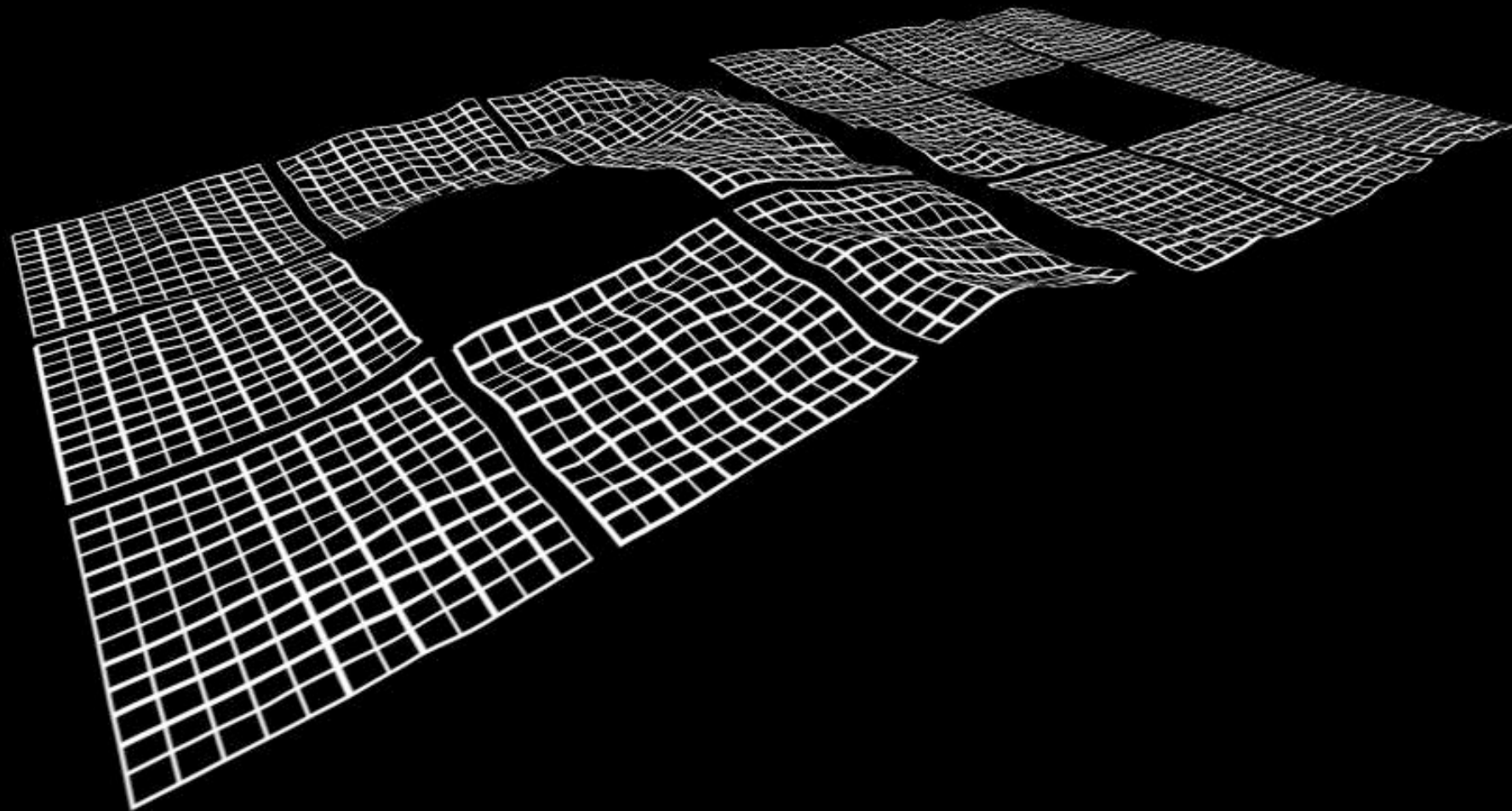
rete stradale



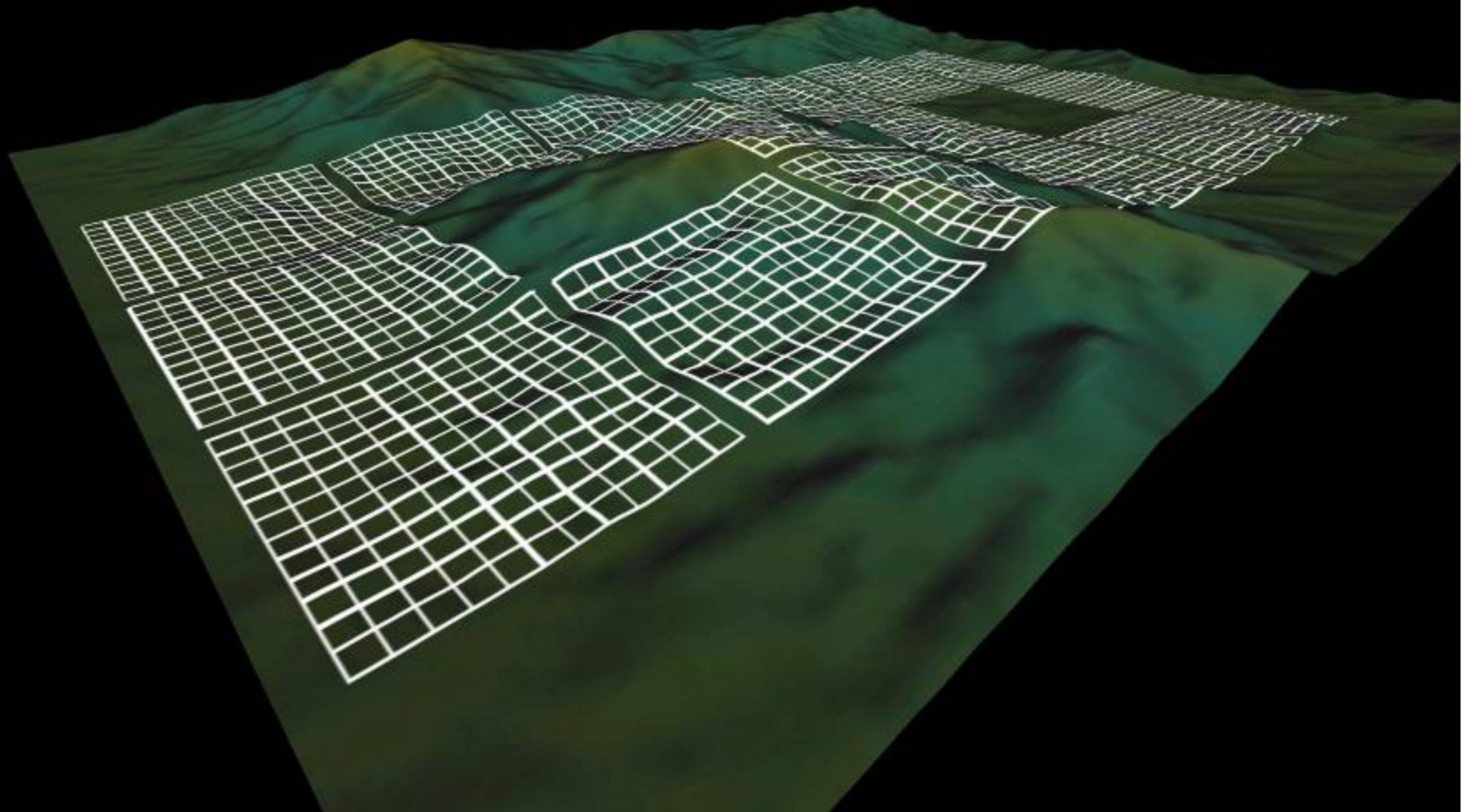
adattamento orografico



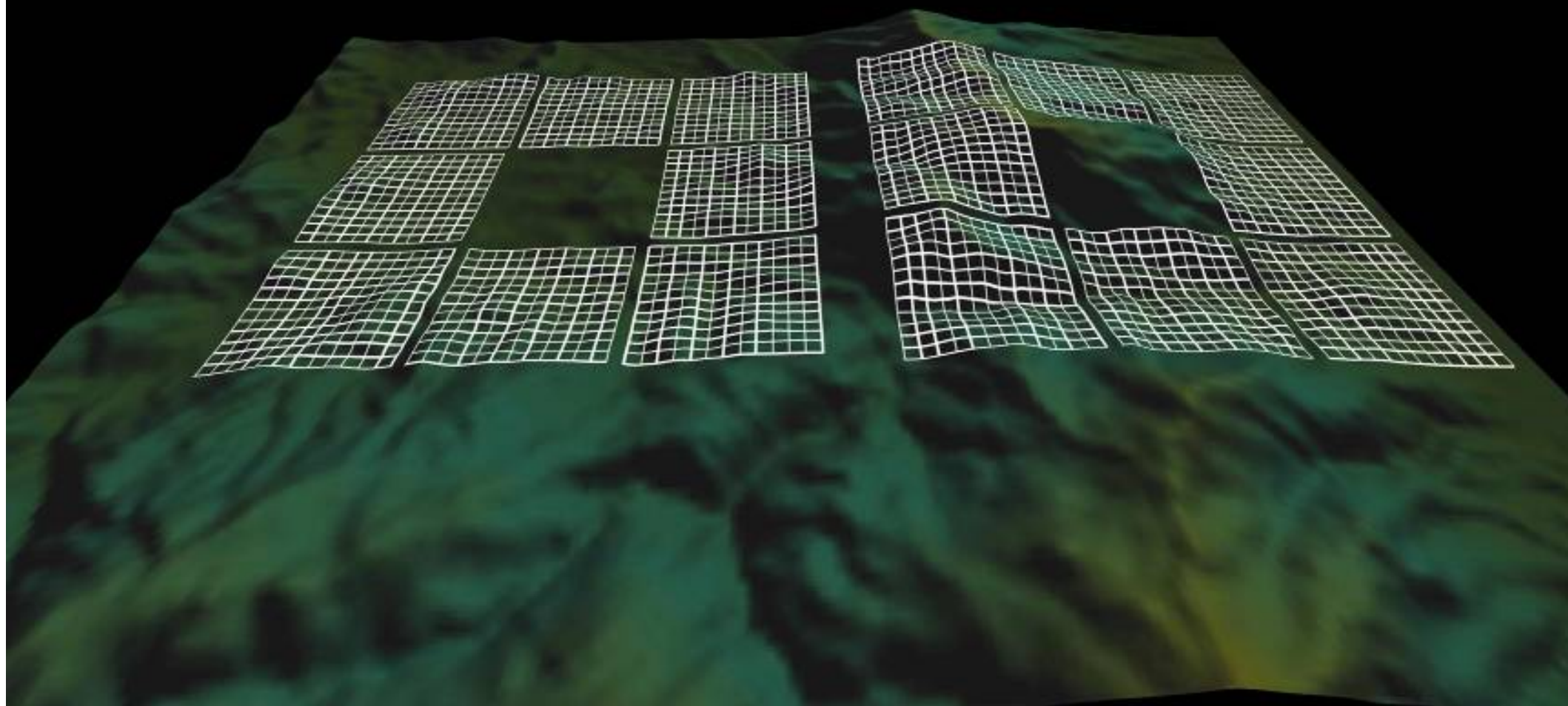
adattamento orografico



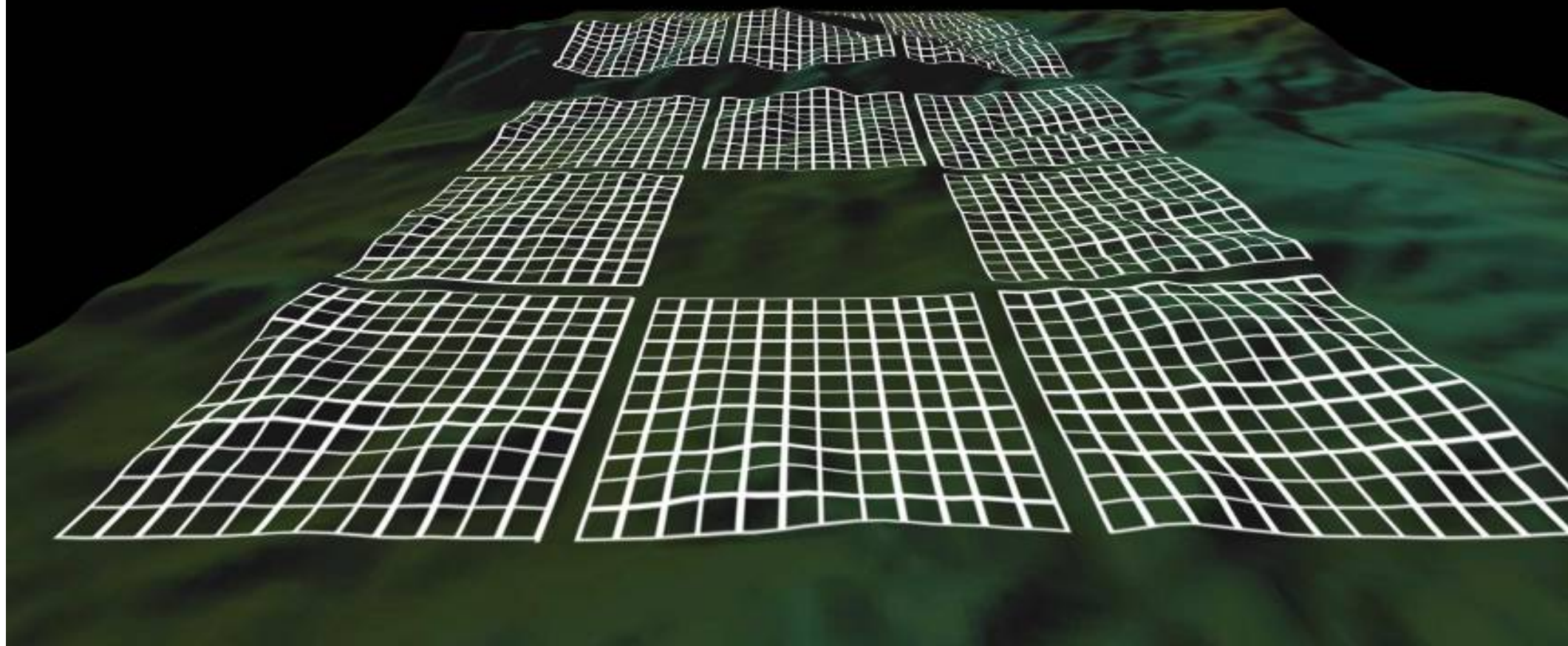
adattamento orografico



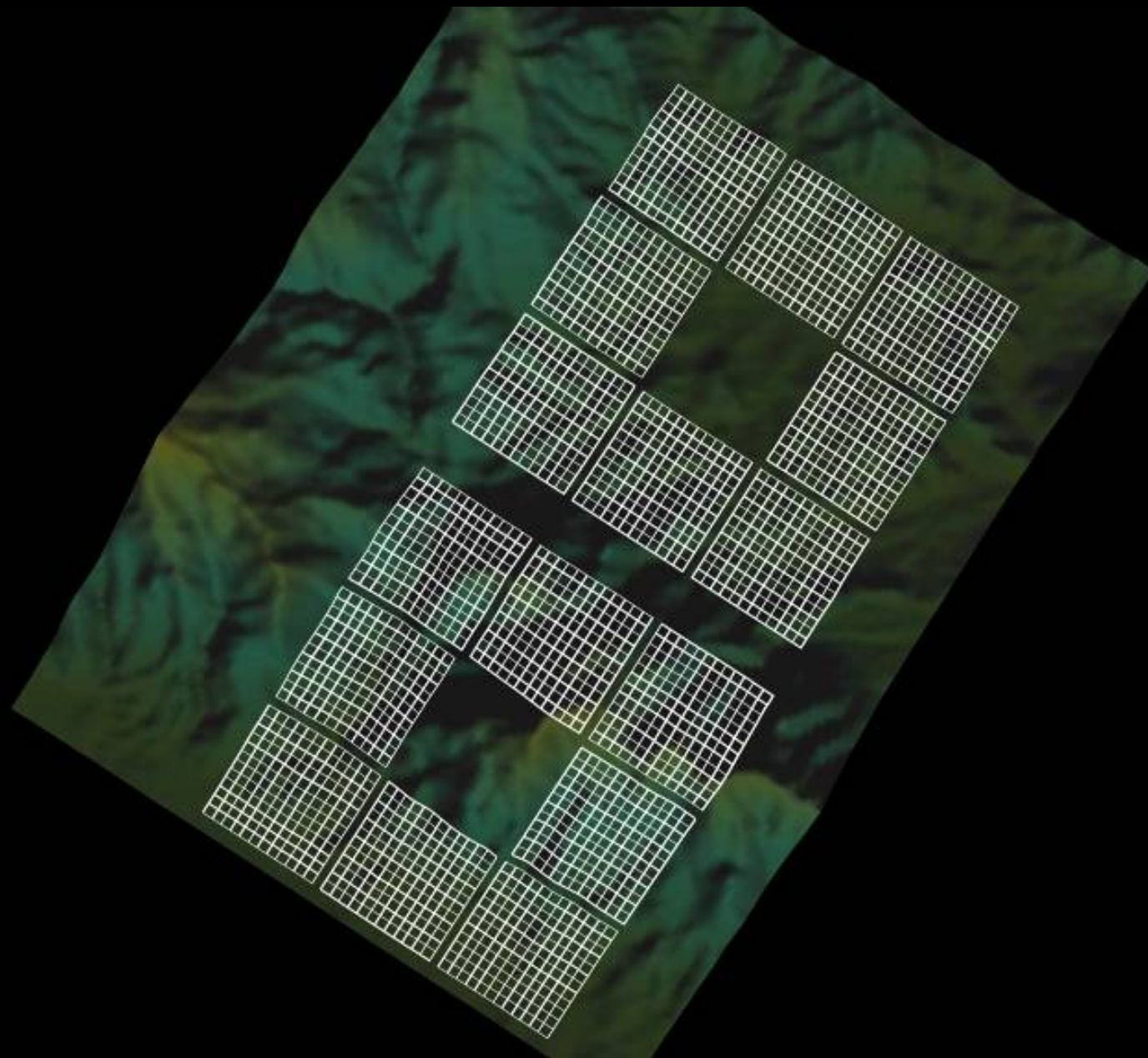
adattamento orografico



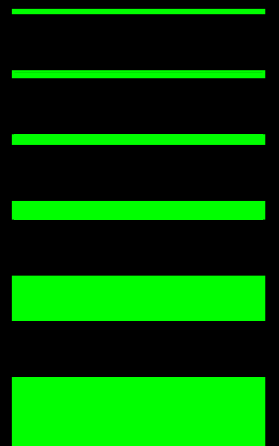
adattamento orografico



adattamento orografico



Khrónopolis si fonda
su alcuni irrinunciabili
principi:



rispetta la geografia, la storia, l'economia dei luoghi

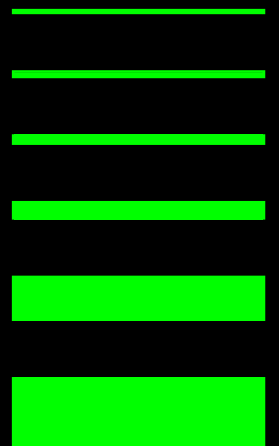
privilegia la mobilità pubblica, ma non elimina i mezzi di trasporto privati

promuove l'insediamento a elevata densità abitativa

lascia libertà di organizzazione volumetrica e spaziale

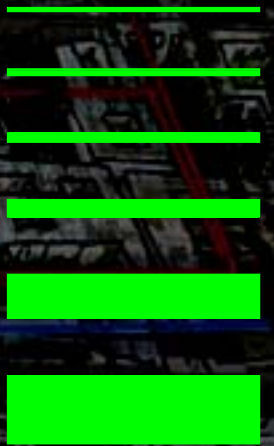
definisce il “centro” come luogo di attrazione parziale

distribuisce le funzioni in armonia con i sistemi di trasporto



visioni urbane

4



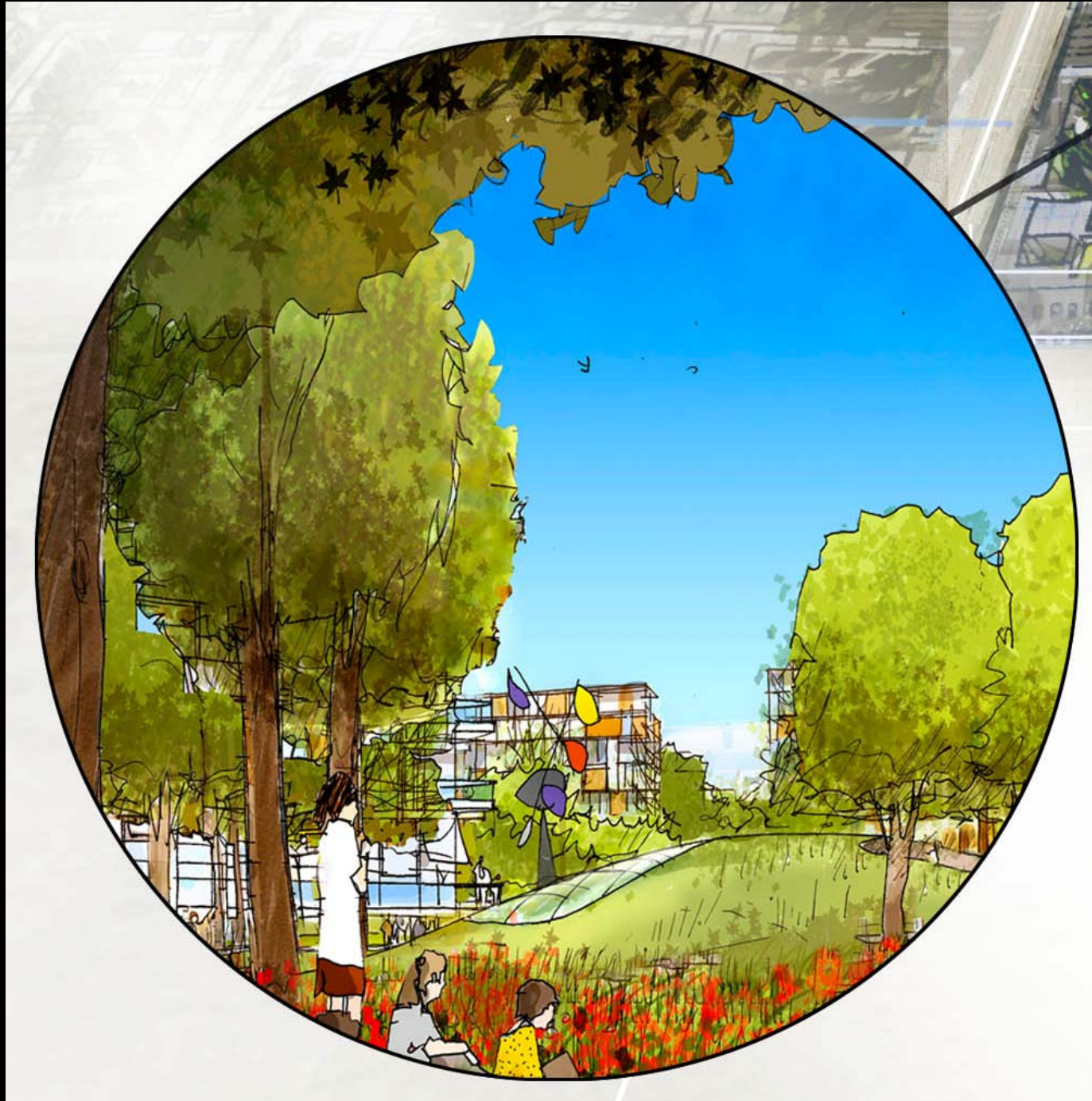
visioni urbane di narinder sagoo f+p



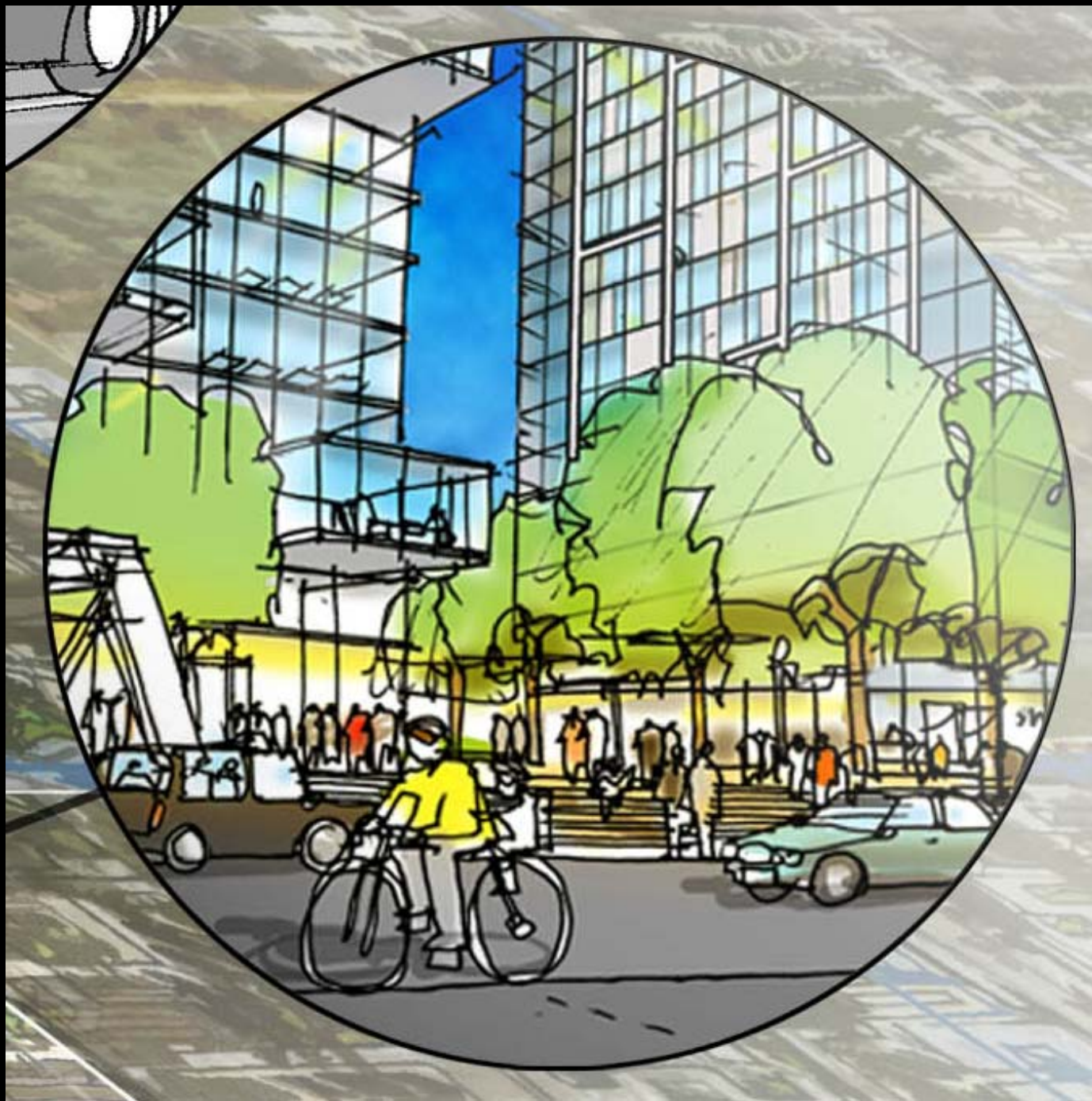
visioni urbane di narinder sagoo f+p



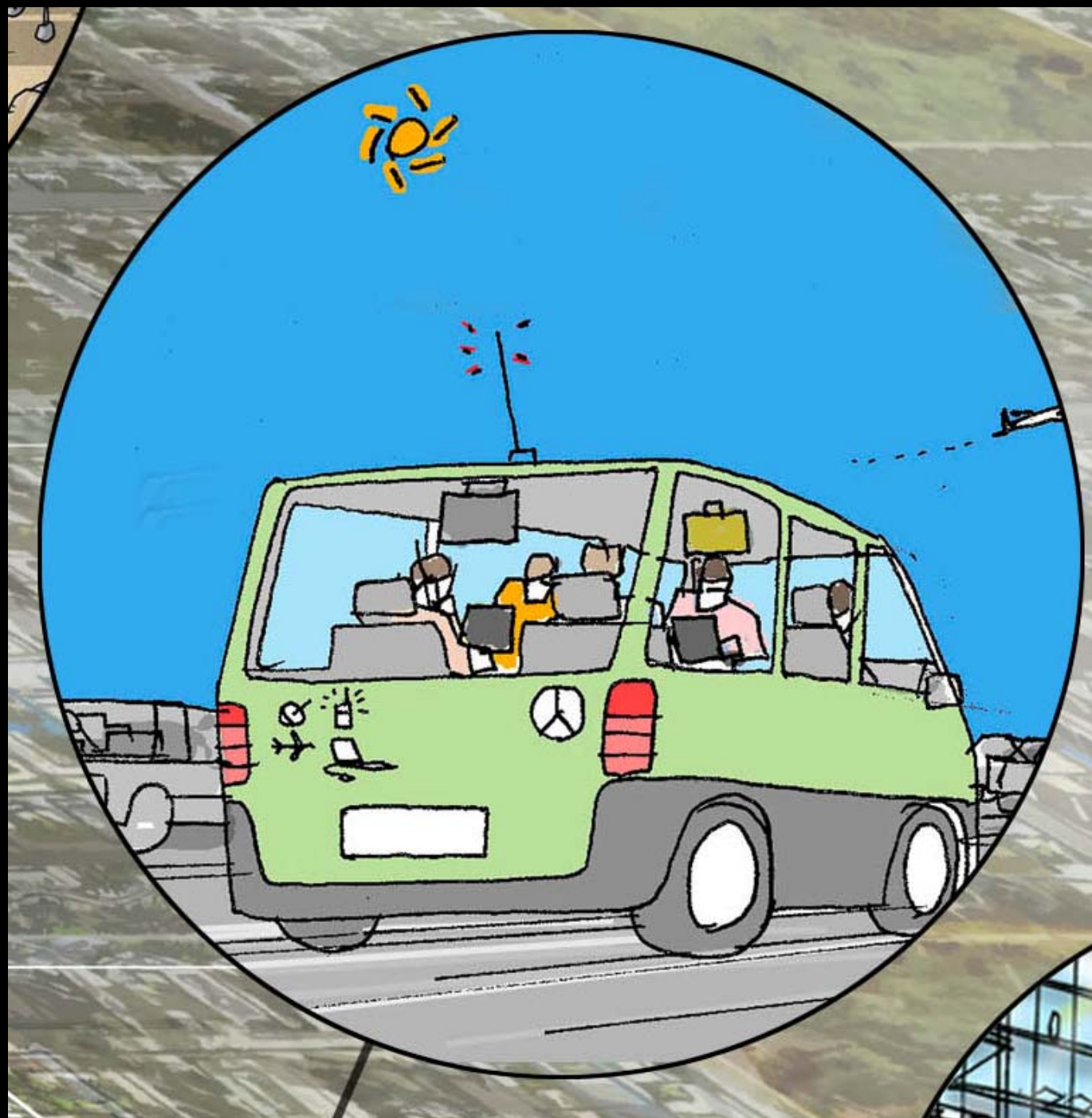
visioni urbane di narinder sagoo f+p



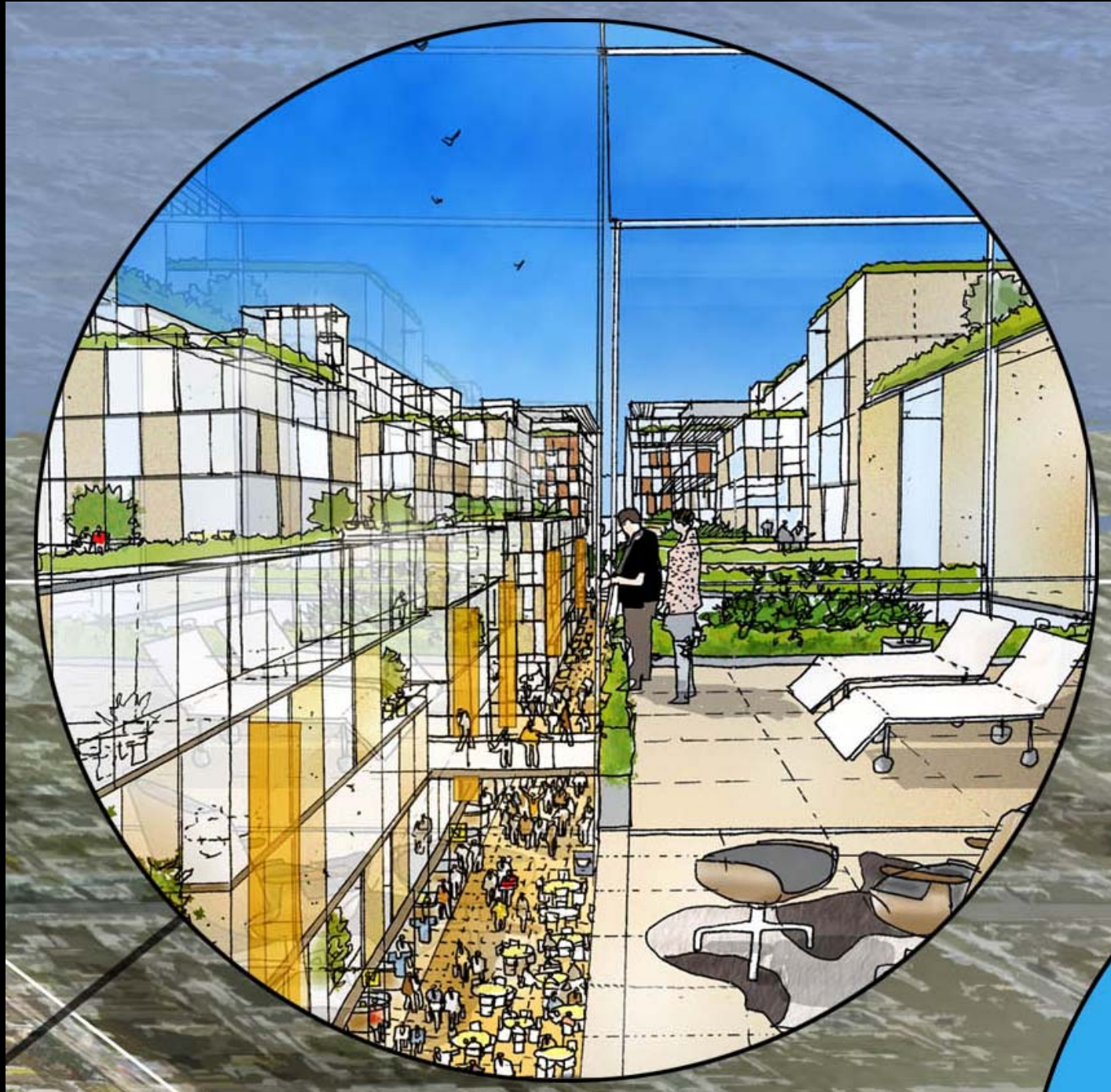
visioni urbane di narinder sagoo f+p



visioni urbane di narinder sagoo f+p



visioni urbane di narinder sagoo f+p



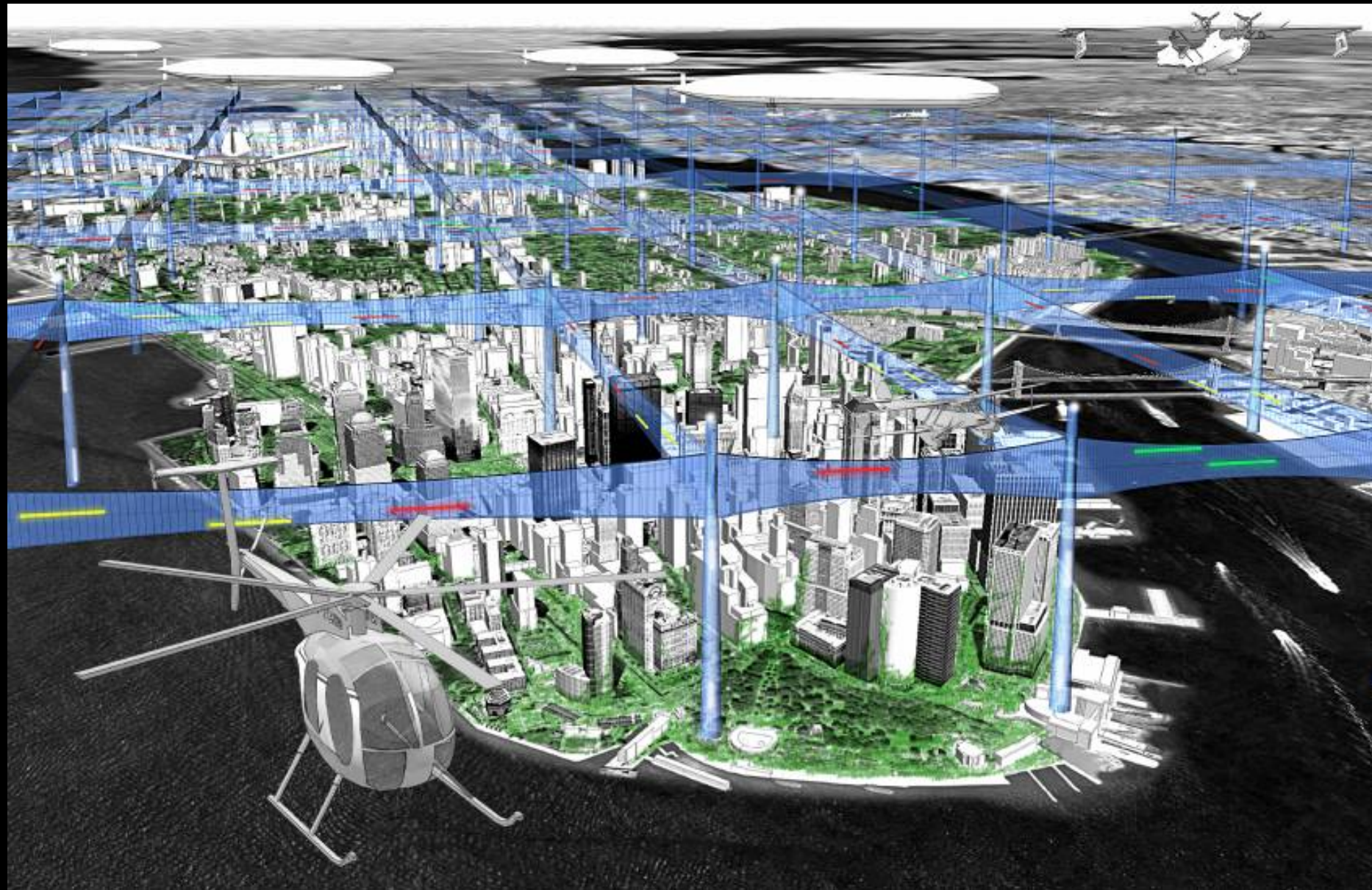
visioni urbane di narinder sagoo f+p



visioni urbane di narinder sagoo f+p

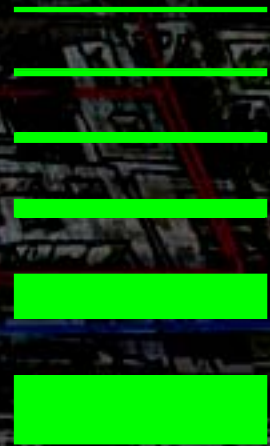


visioni urbane di davide costa rsh+p



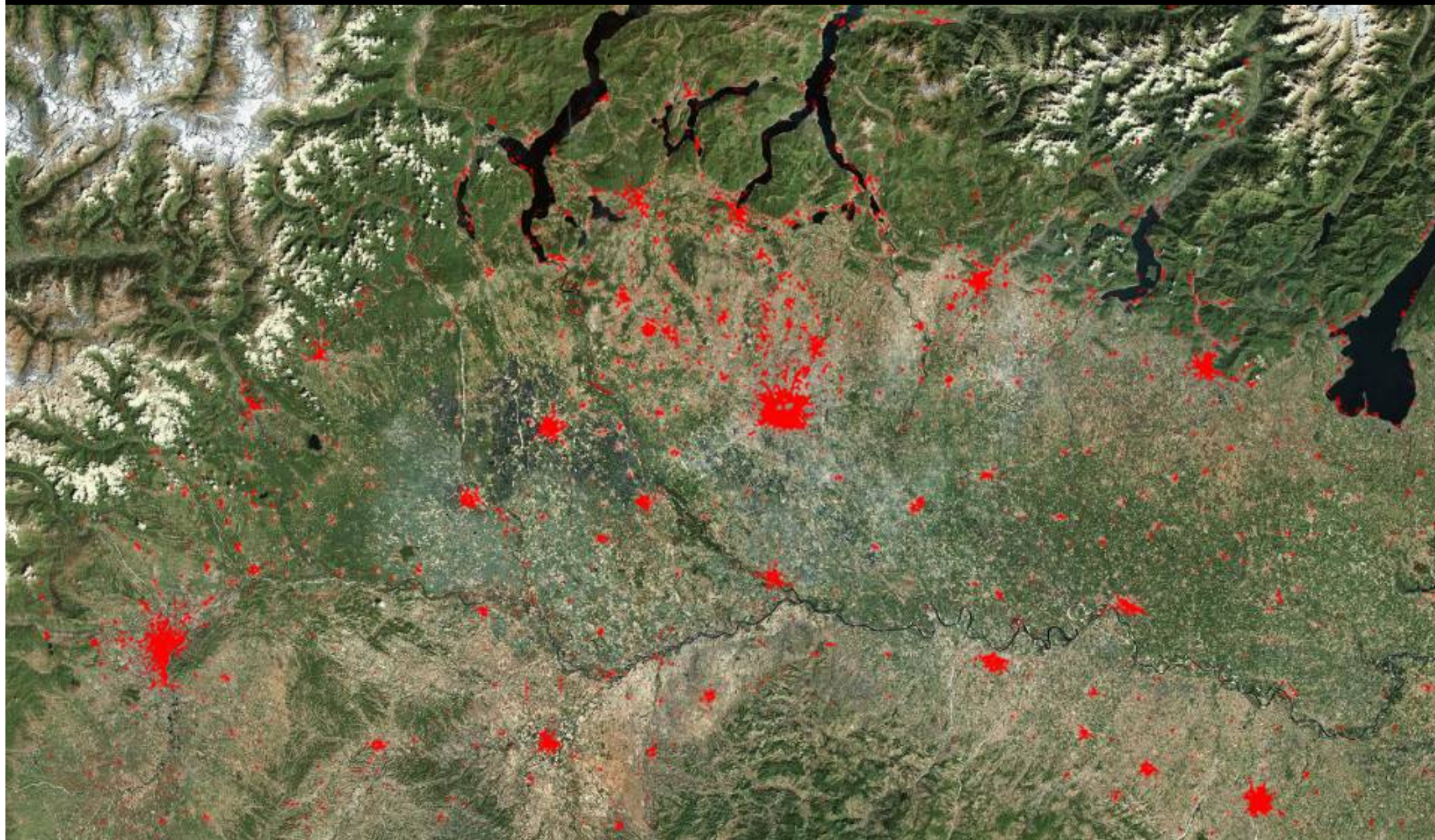
la via del policentrismo regionale

5



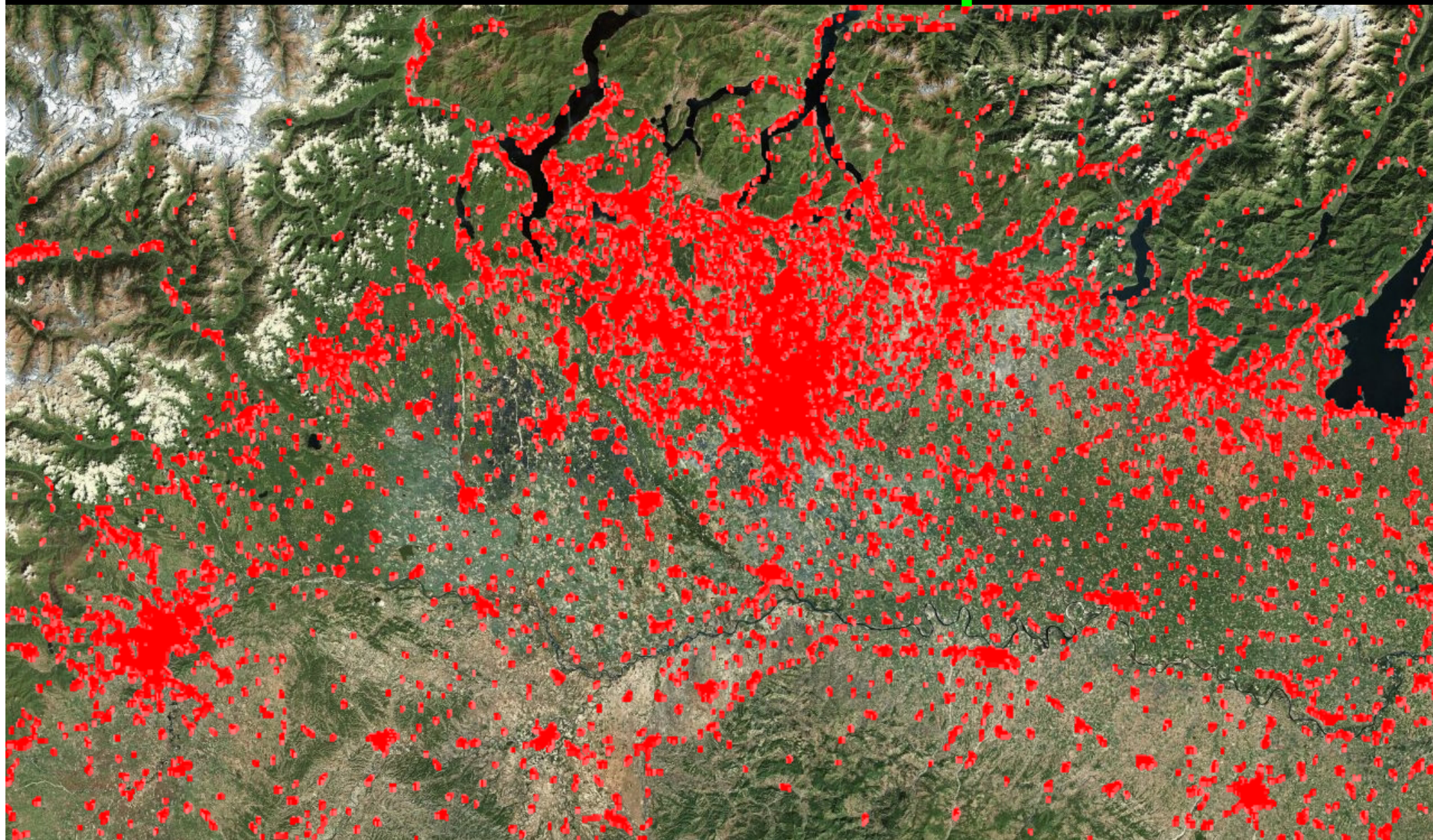
mappa insediamenti 1965

crescita



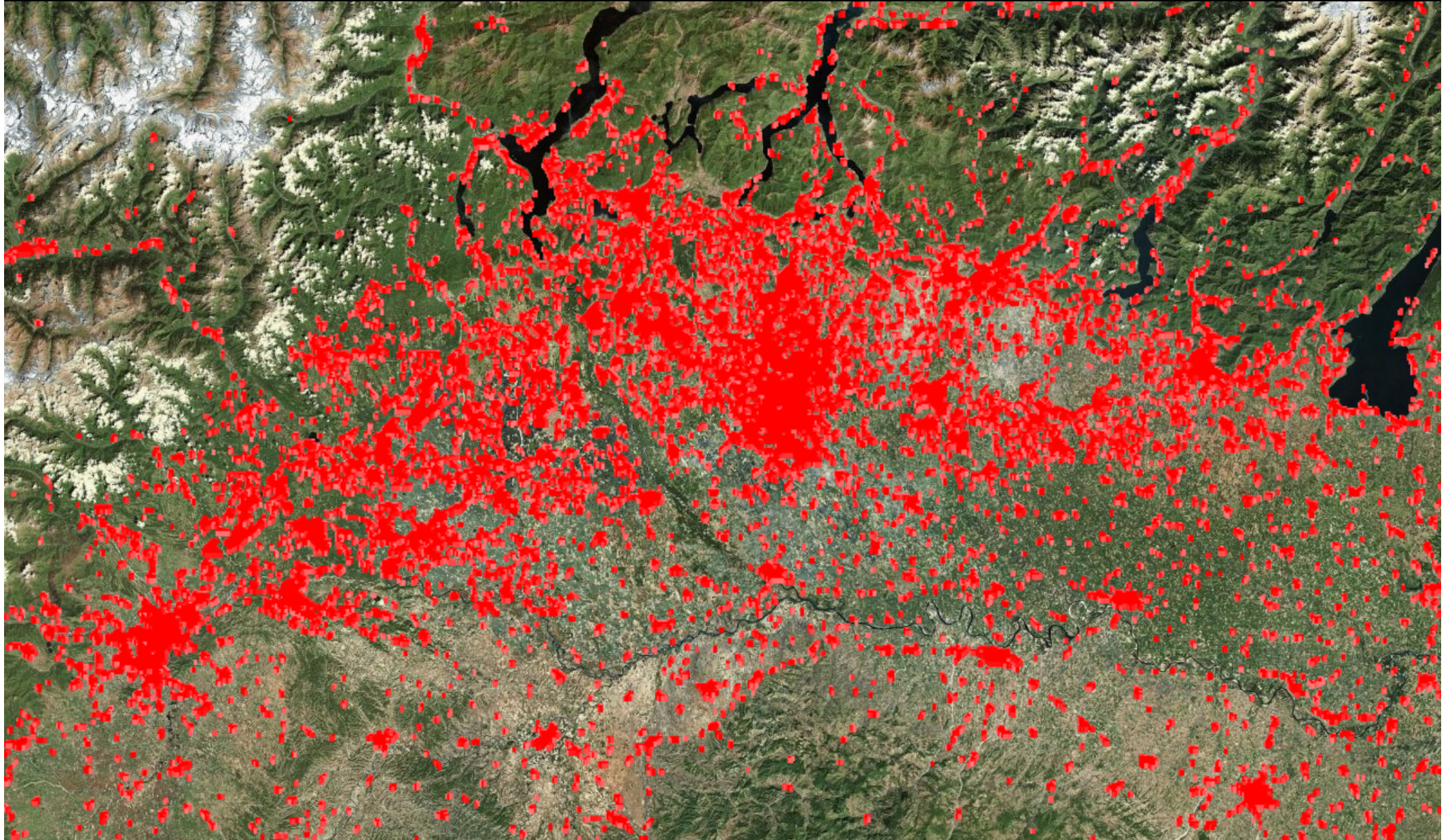
mappa insediamenti 2005

dispersione



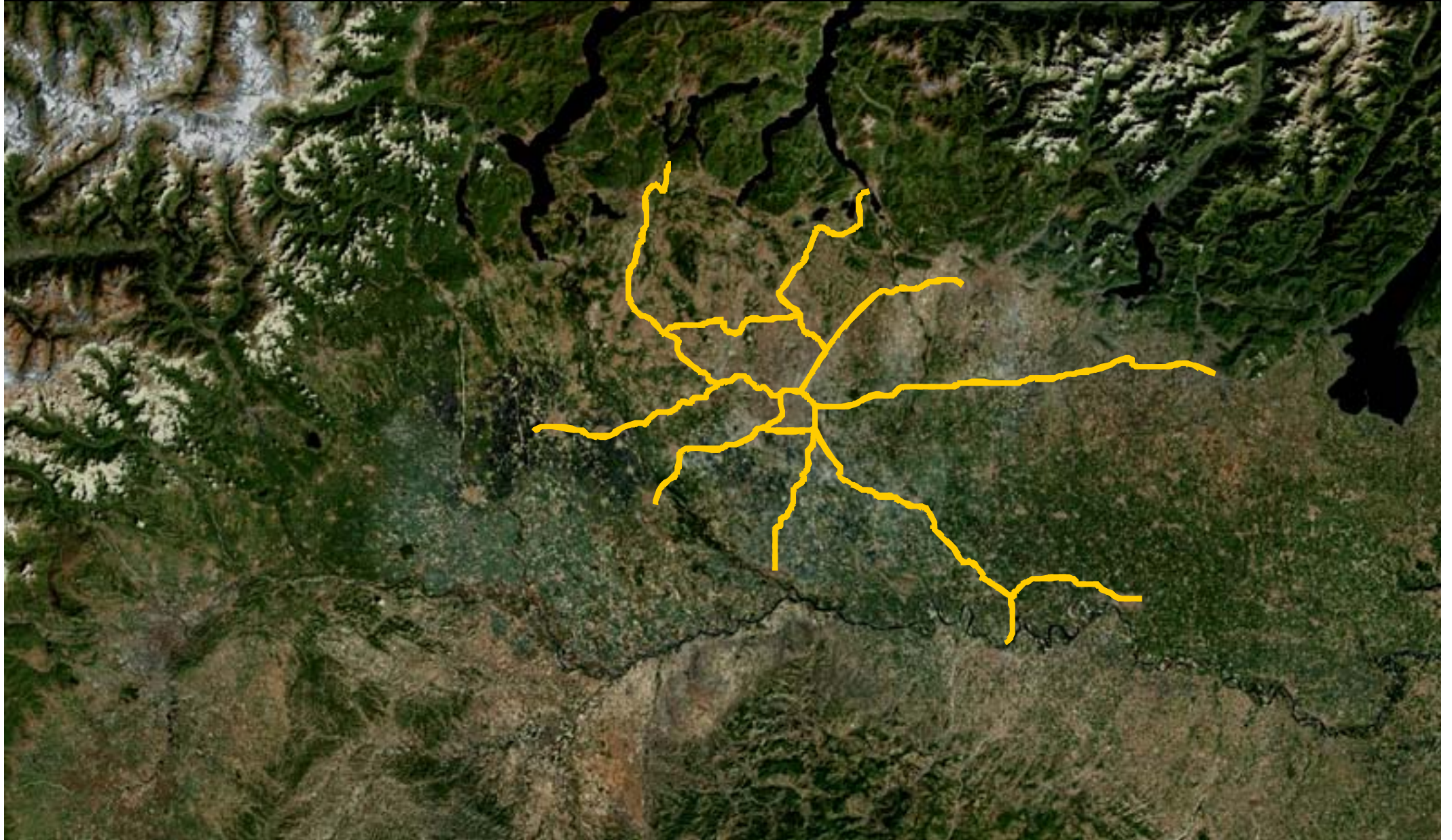
mappa insediamenti 2025

saturazione



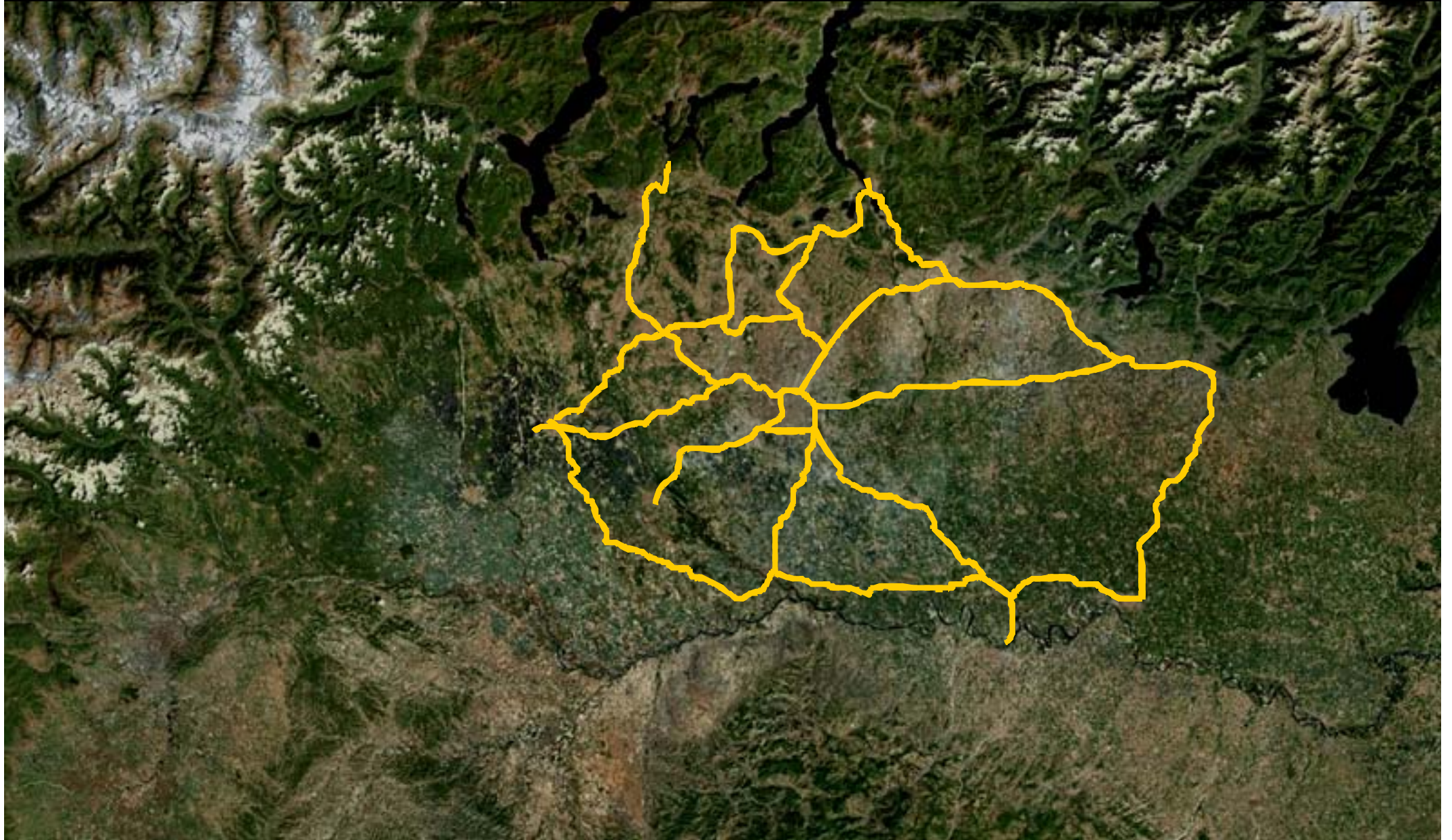
sistema ferroviario

radiale



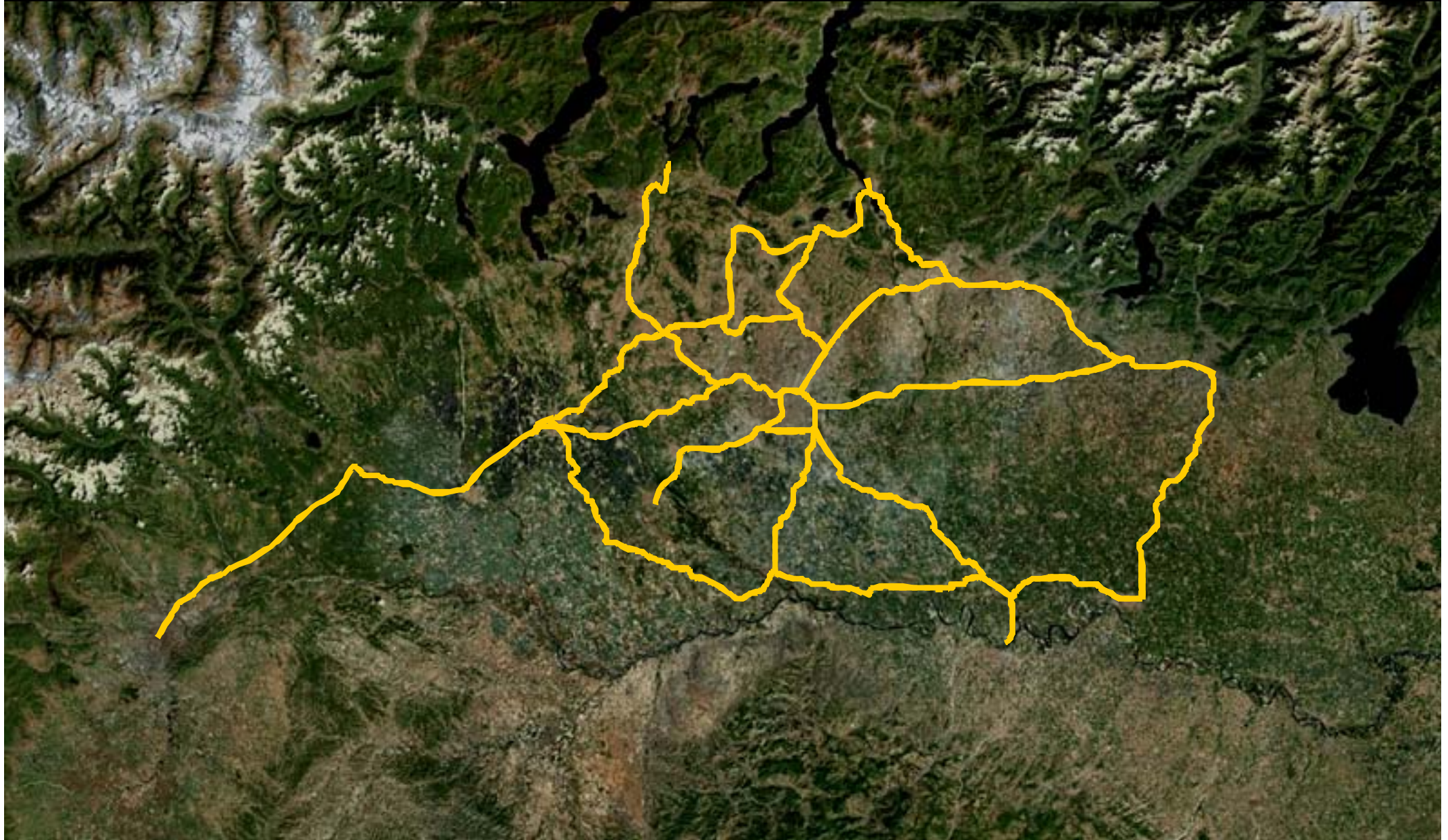
sistema ferroviario

radiale | orbitale



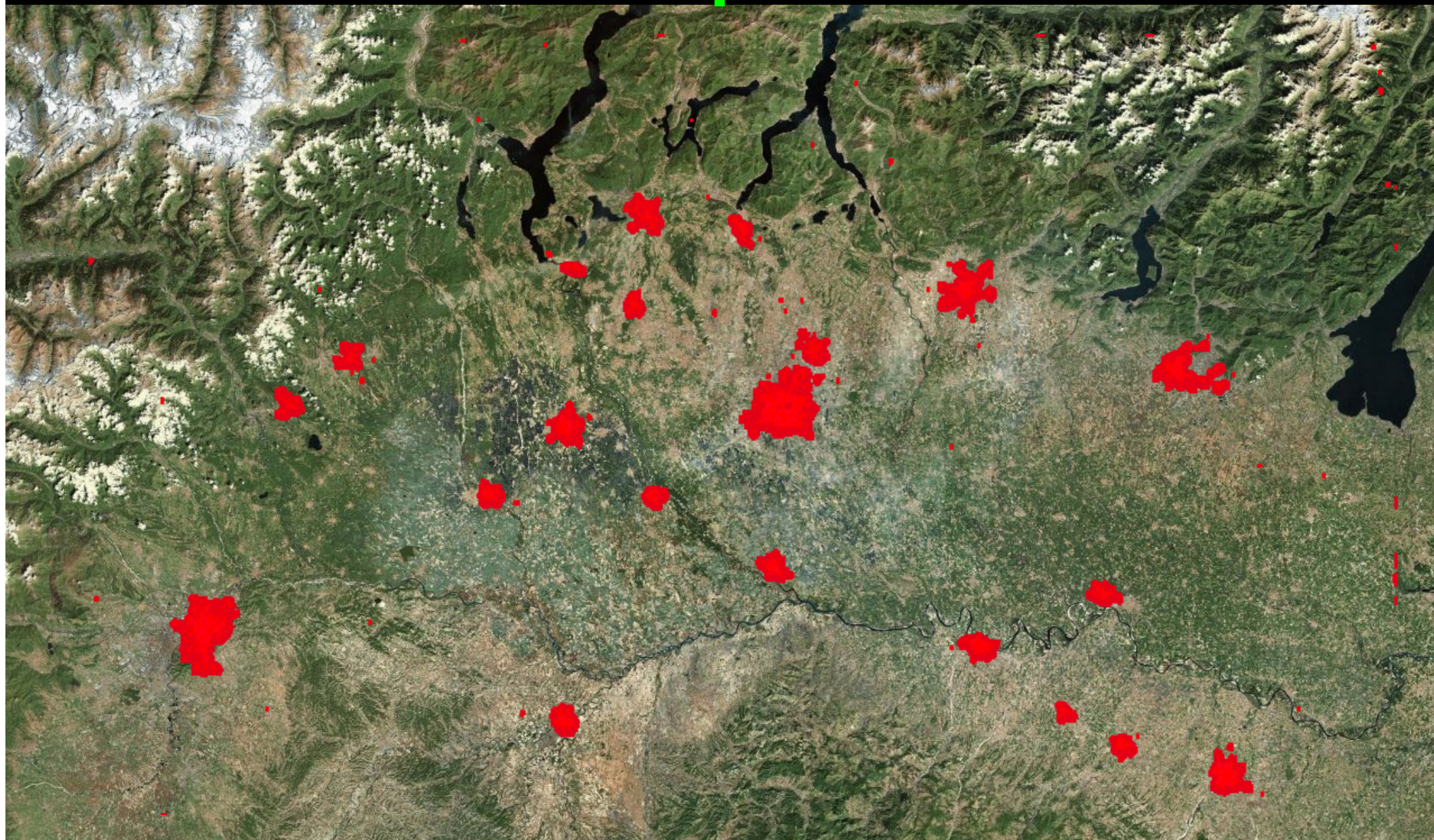
sistema ferroviario

radiale | orbitale | di connessione



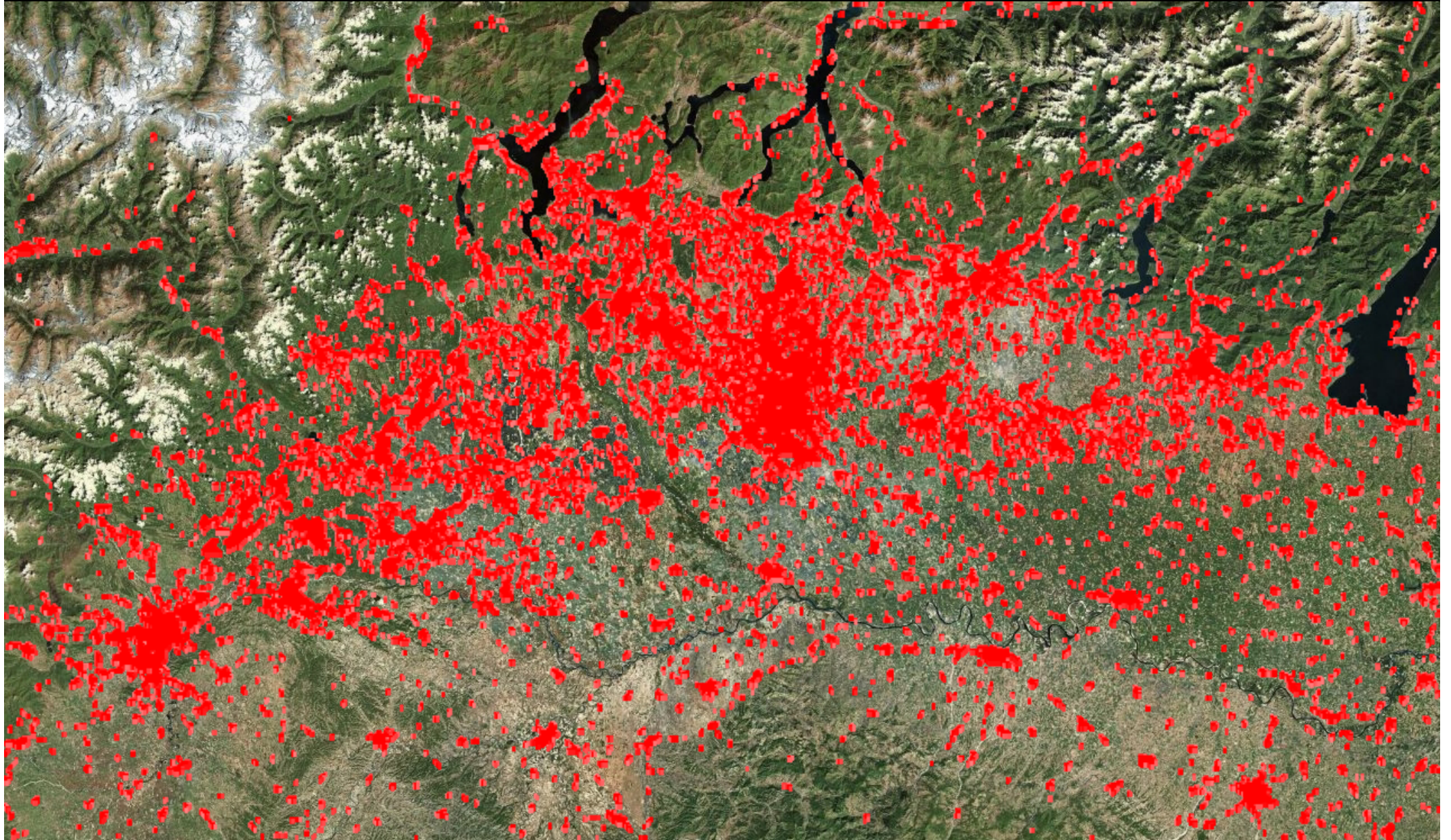
mappa insediamenti 2005

policentrismo



mappa insediamenti 2025

saturazione



Khrónopolis

Fabio Casioli

città accessibile, città possibile accessible city, feasible city

notes by
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Ricky Burdett
Norman Foster
Guido Martinotti
Renzo Piano

visions by
Narinder Sagoo with Richard Miller,
Foster + Partners
Davide Costa,
Rogers Stirk Harbour + Partners

IDEA BOOKS

interviste e contributi

Verso Khrónopolis, di **Andy Bow**

Scoprire il DNA della mobilità nella città contemporanea, di

Ricky Burdett

Norman Foster su Khrónopolis: una conversazione illuminante

Ora, ma non qui: tempo, spazio e tecnologia nella meta-città, di **Guido**

Martinotti

Khrónopolis, città ideale del Terzo Millennio. Tre domande per **Renzo**

Piano

