

Alan Pardew wants Newcastle players' data from international training

- Fabricio Coloccini and Tim Krul returned to club with injuries
- Manager: 'We want to know what our players are doing'

Louise Taylor

guardian.co.uk, Thursday 13 September 2012 21.59 BST



Newcastle captain Fabricio Coloccini has a hamstring strain and is "extremely doubtful" for the trip to Goodison Park. Photo: Lindsey Parnaby/AFP/Getty Images

Alan Pardew wants national football associations to supply him with detailed information regarding the training undertaken by [Newcastle United](#) players on international duty after Fabricio Coloccini and Tim Krul returned to the club this week with injuries. Pardew wants data

Alan Pardew wants national football associations to supply him with detailed information regarding the training undertaken by [Newcastle United](#) players on international duty after Fabricio Coloccini and Tim Krul returned to the club this week with injuries. Pardew wants data

El GPS en el fútbol



Función:

Es un dispositivo que captura y mide el análisis de datos físicos y tácticos. Se registran y se analizan en tiempo real.



Posición del GPS:

Este dispositivo se coloca entre el final del cuello y el inicio de la espalda.

Utilización:

Por ahora solo se utiliza en entrenamientos, en pre temporadas o partidos amistosos, y no en partidos de alta competición.



Elementos principales que mide:

- ▶ Registro Fisiológico
- ▶ Ubicación espacial de los jugadores.
- ▶ Registro de la velocidad
- ▶ Análisis de relaciones entre jugadores.



Equipos que utilizan el GPS.

El Manchester United, Real Madrid, Barcelona, Chelsea, Inter, Lyon y Arsenal, entre otros, lo utilizan.

a global network
of collection centres

FOOTOSCOPE FIFA WORLD CUP SOUTH AFRICA

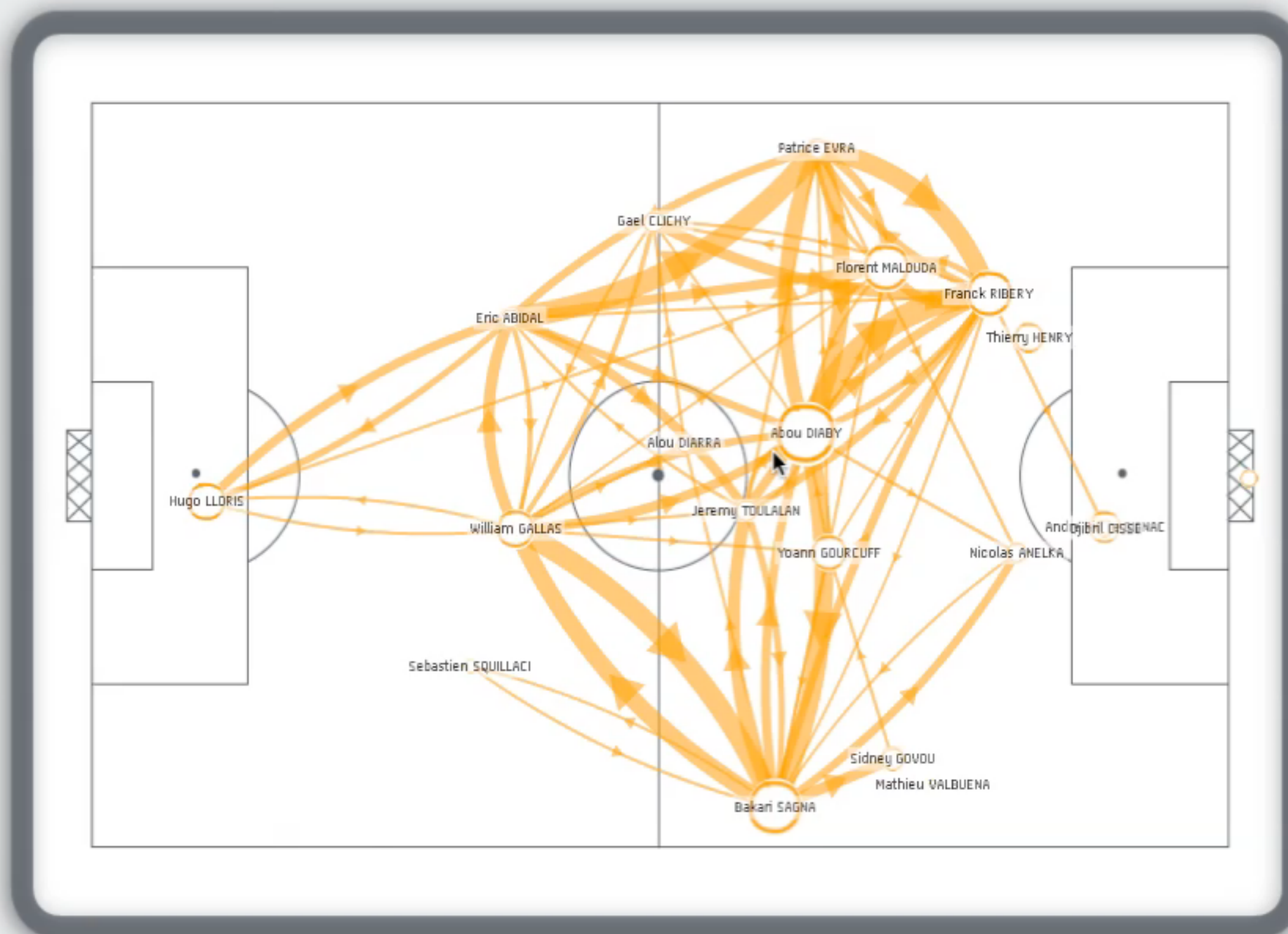
[About Footoscope](#)

Teams

Algeria
Argentina
Australia
Brazil
Cameroon
Chile
Côte d'Ivoire
Denmark
England
France
Germany
Ghana
Greece
Honduras
Italy
Japan
Korea DPR
Korea Republic
Mexico
Netherlands
New Zealand

Measures

Tournament
Per game
Per minute



Players position in the field is measured according to the areas where players receive a pass



Importance of the player in the passing game



Proportion of passes from one player to another

GEO INQUIET

**NETWORK DATA, URBAN SPACE
AND HUMAN BEHAVIORS**

FABIEN GIRARDIN, 25.10.2012, BARCELONA

PART I

PART II

PART III

PART IV

PART V

Network data

Additional layers of information

Métiers and processes

Tools

A few implications



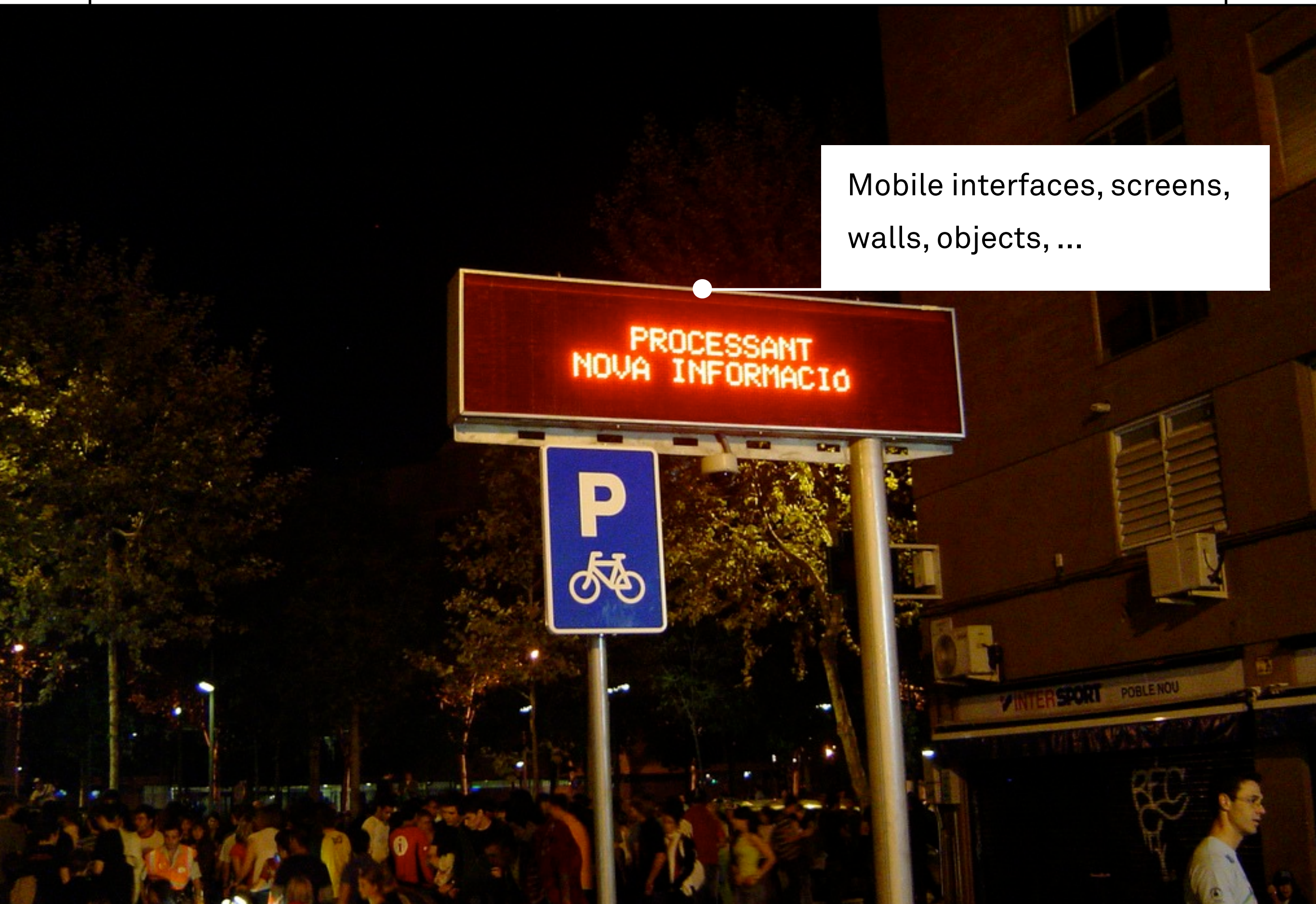
“Current technology requires information to be served from somewhere and delivered to somewhere [...] at geographic scales a bit always has an associated location in real geographic space.” - Michael Goodchild (1997)







Mobile interfaces, screens,
walls, objects, ...



Mobile storage, data
centers, “cloud”, ...



PART I

PART II

PART III

PART IV

PART V

Network data

Additional layers of information

Métiers and processes

Tools

A few implications

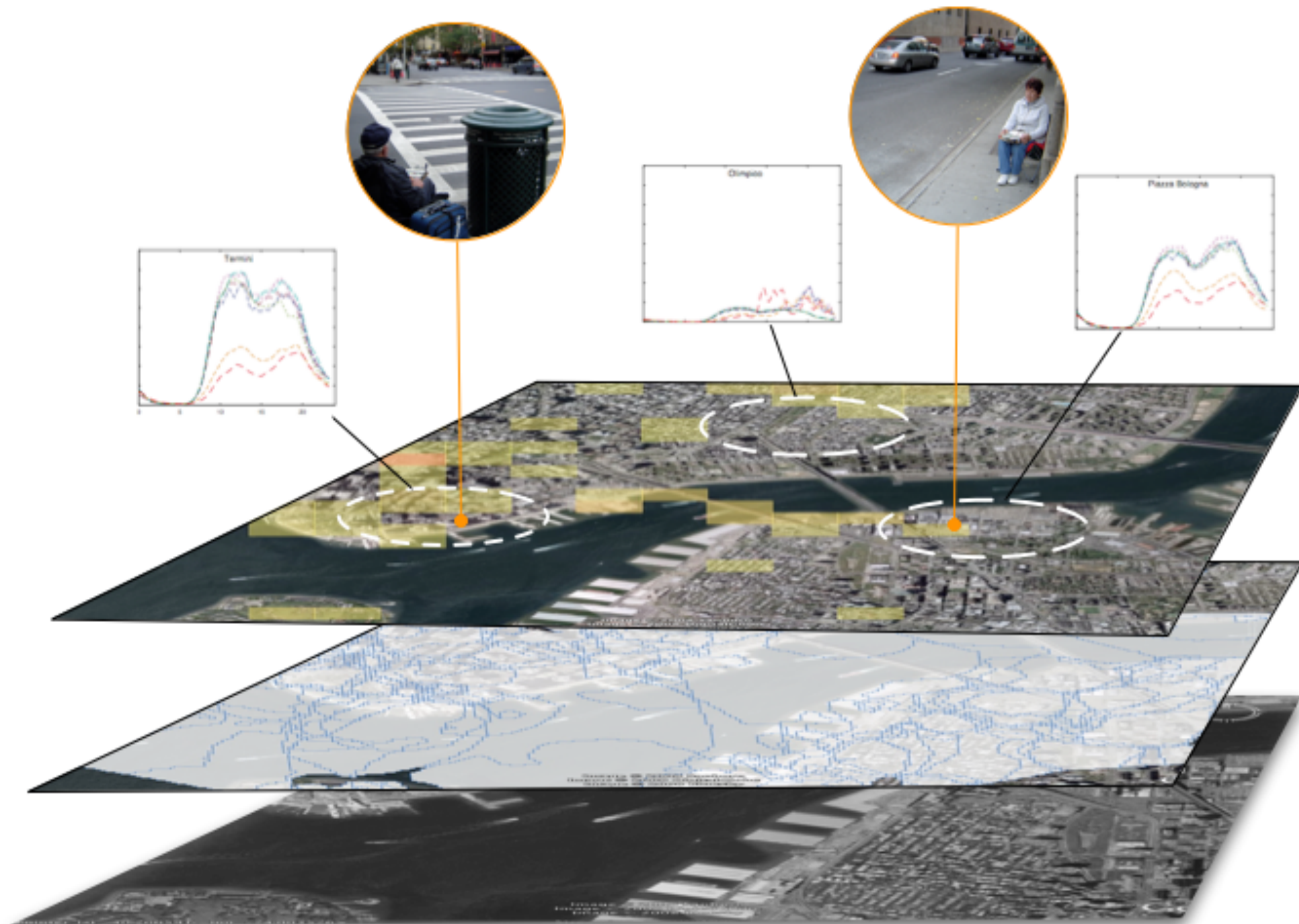
Observations
and surveys

Probes

Network data

Topology and
geography

Remote sensing

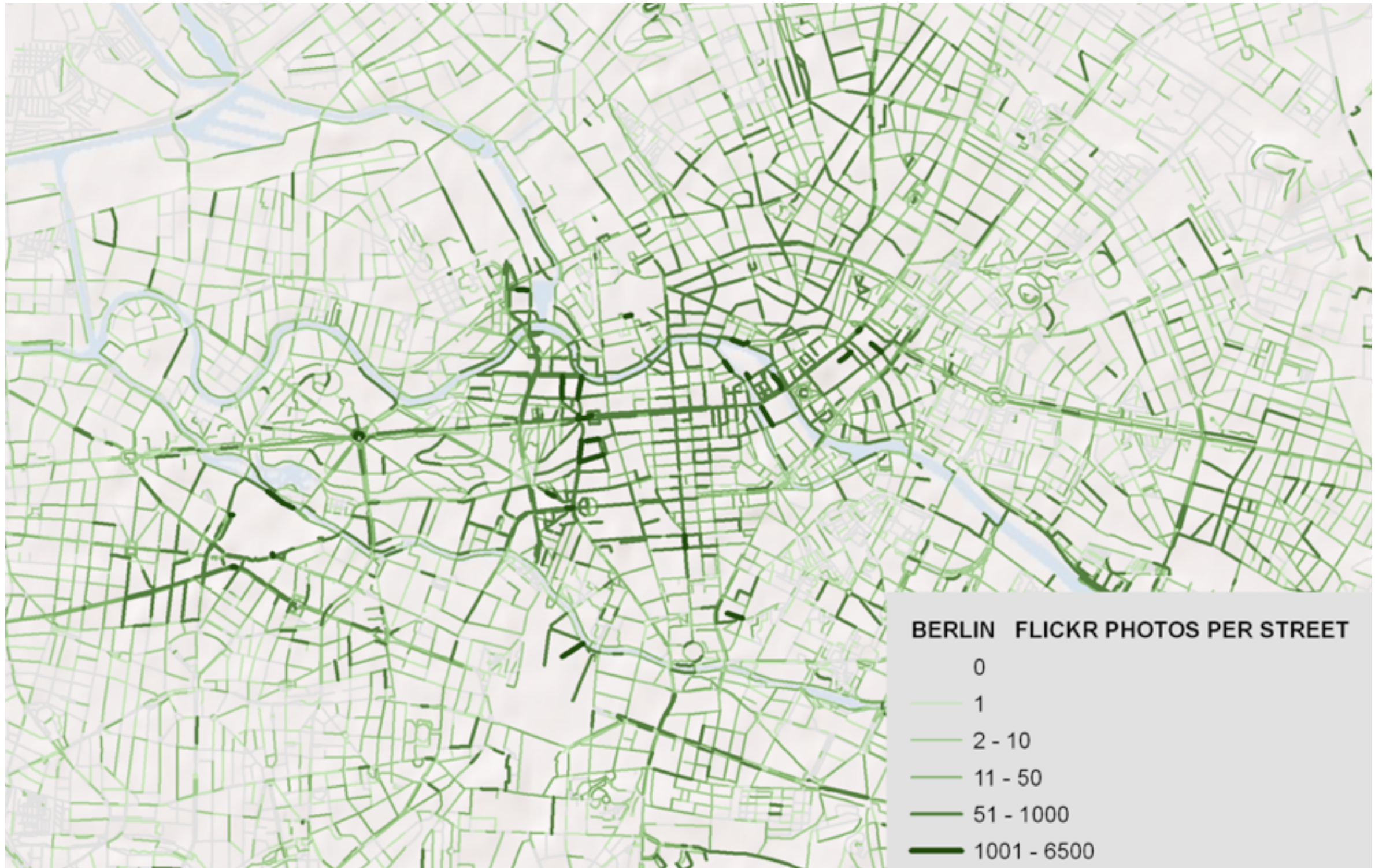


que si, en su día lo comentamos (Montpelier) y **volveremos** a hacerlo , no lo dudes ;) Mañana mismo lo po
12:25 - calderon_ana: RT @Sc0b: La semilla de la revolución es la represión. #**acampadasol** #**acampadasol**
12:24 - Aeariel_: RT @GabrielaMuroMur: RT @kicoes La junta electoral suspende las elecciones y se reparte la
12:24 - CORRFACE: @nurianrvz #Estanochevamos todos, #**acampadasol**. #**yeswecamp**#nonosvamos ,
12:24 - Fyahbwoy: RT @nacho_oncina: RT @glztt: Si os preguntan, no es una acampada, es una cola para la fu
12:26 - _txillo_: RT @devilfvc: #**acampadagranada** se traslada a la Playa del Ayuntamiento a las 20 h. #
12:26 - OFornet: #**spanishrevolution** Aquí los fenómenos de la junta provincial (a 2-4-11) Al final la van
12:24 - radioklara: RT @asier_vazquez: En Málaga han prohibido de urgencia reuniones de más de 10 perso
12:26 - saratustra78: La verdad es que es emocionante #**yeswecamp**
12:27 - Aritzof: Parece ser que la Junta Electoral de Granada también ha prohibido la concentración...
12:26 - Nataliamt17: RT @girado: Los que usen el hashtag #**asunaopcion**, incluid propuestas CONCRETAS d
12:25 - Sarya_Crazy: RT @TuristaEnTuPelo: Intereconomía está grabando ahora mismo falsas entrevistas
12:27 - Pata_Ookami: RT @javimargon: Sol a las 17:15 #**spanishrevolution** #**acampadasol** http://twitpic
12:27 - Patriciustc: RT @revolutioniscom: RT @Estaminoide http://twitpic.com/4z8q3y Los antisistem
12:27 - EduSanzMurillo: RT @olgarodriguezfr: somos **ciudadan@s**, no pasivos espectadores de los des
12:27 - MiStErik0: RT @zhuge_liang_: @MiStErik0 @dbravo Responsable de la Junta Electoral Central
12:27 - M_Ferrara: RT @blaenca: ¿Que desautorizan la convocatoria a las 20h de la #**acampadasol**?
12:27 - Lobap: RT @**acampadasol**: La Junta Electoral piensa que los **ciudadanos** podemos influir en
12:27 - genenain: #**europeanrevolution**
12:28 - fransanjurjo: RT @el_pais: Consulta el documento con la decisión de la Junta Electoral
12:28 - psandez: RT @amarcos_ortega: Están intentando violentarnos, hay que ir a Sol, pero co
12:28 - we_are_zombies: RT @jpanort: POLITICOS, prohibir las acampadas no arregla la situaci
12:29 -
violencia es posible. Resistencia











PART I

PART II

PART III

PART IV

PART V

Network data

Additional layers of information

Métiers and processes

Tools

A few implications





Locate untapped sources

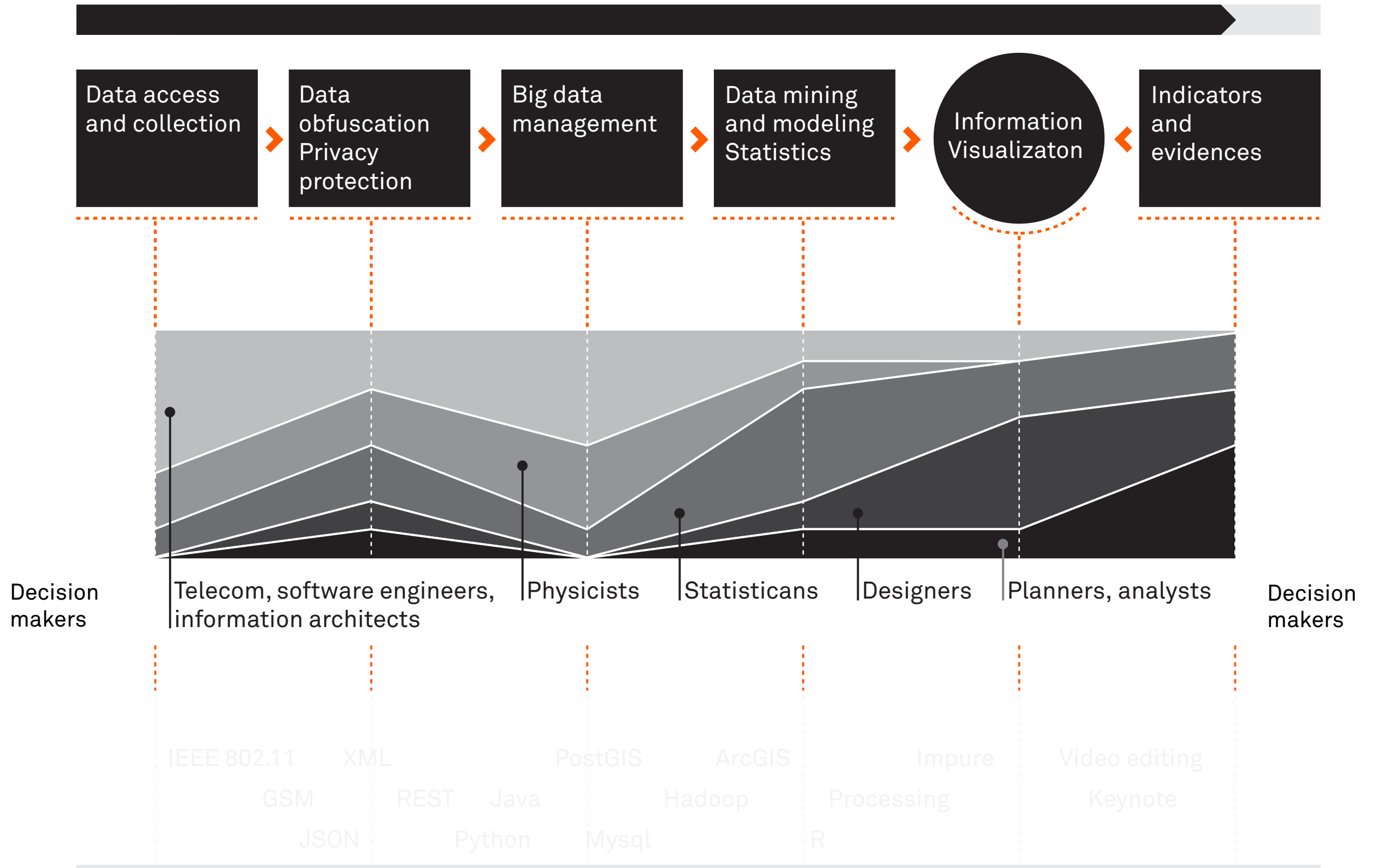


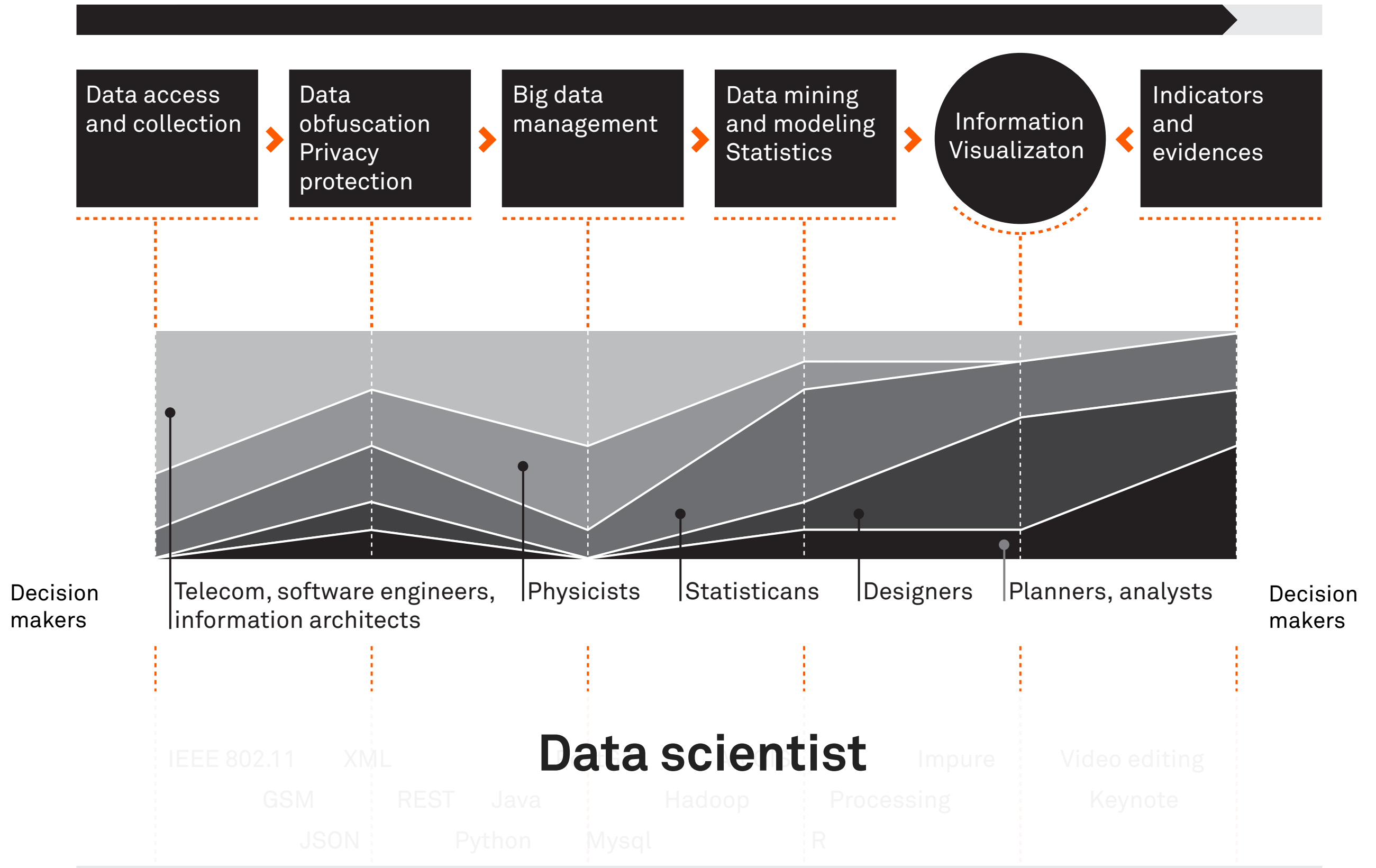
Refine data rather than
only selling it



Materialize data into new
services







”

Data scientist - a general title for someone who is able to extract information from large datasets and then present something of use to non-data experts

Nathan Yau

“

” Firms ask me: "What makes a good data scientist?" Answer: "Stats, Programming, Data Management - Yes. But the most undervalued skill? **CREATIVITY**

Sinan Aral

“

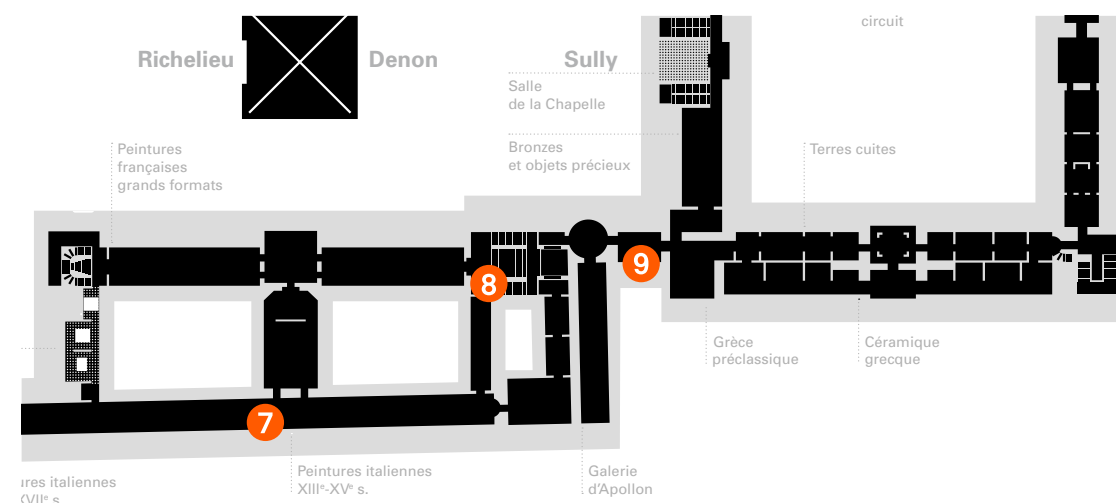




The Louvre Museum 2010 (in collaboration with BitCarrier)

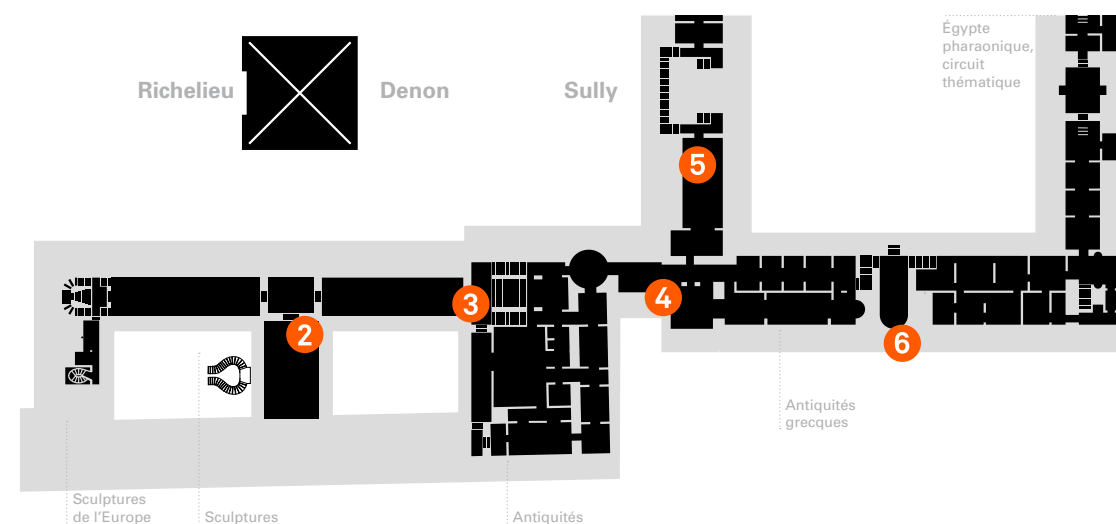
1^{ER} ÉTAGE

- 9 Salle des verres ou salle 34 entre la Galerie d'Apollon et la salle des Sept cheminées, dite « Salle des verres »
- 8 Palier de la Victoire de Samothrace, côté comptoir audioguide Antenna-Audio, dit « Palier Samothrace »
- 7 Grande Galerie



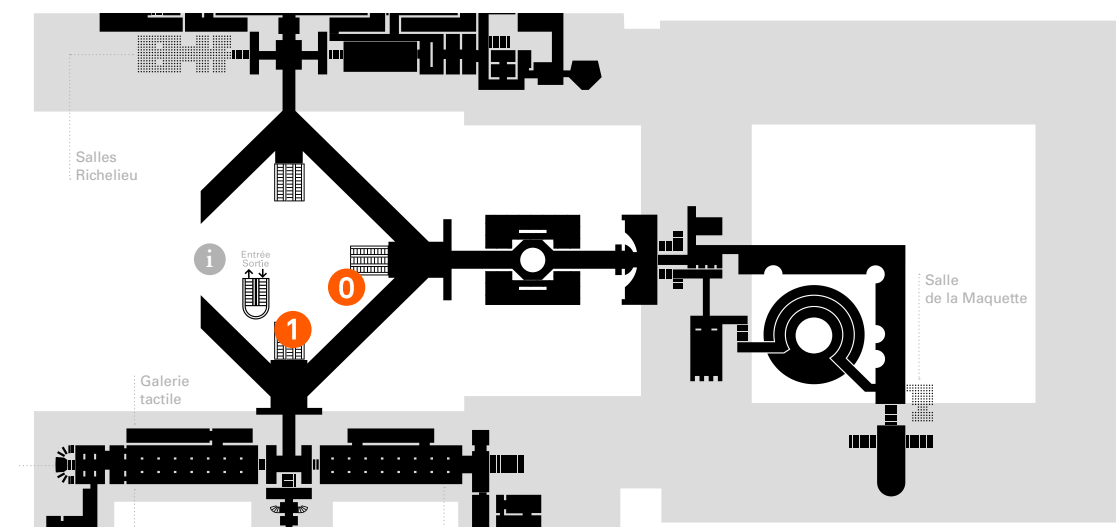
0 REZ-DE-CHAUSSÉE

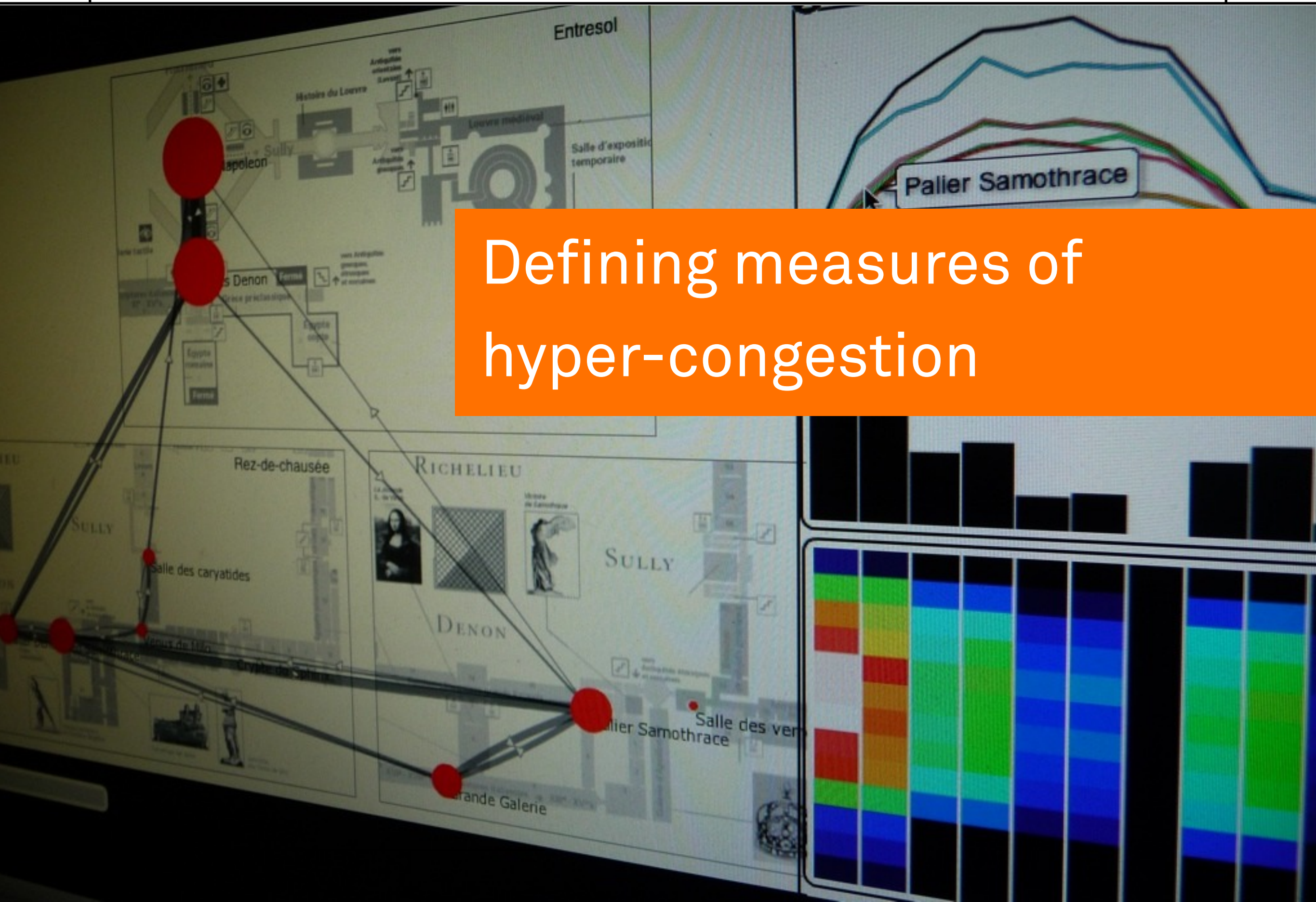
- 6 Crypte du sphinx
- 5 Salle des caryatides
- 4 Venus de Milo
- 3 Pied de l'escalier de la Victoire de Samothrace dit « Pied Samothrace »
- 2 Palier Denon ou « rez-de-chaussée Denon », galerie Daru



-1 ENTRESOL

- 1 Accès Denon
- 0 Hall Napoléon

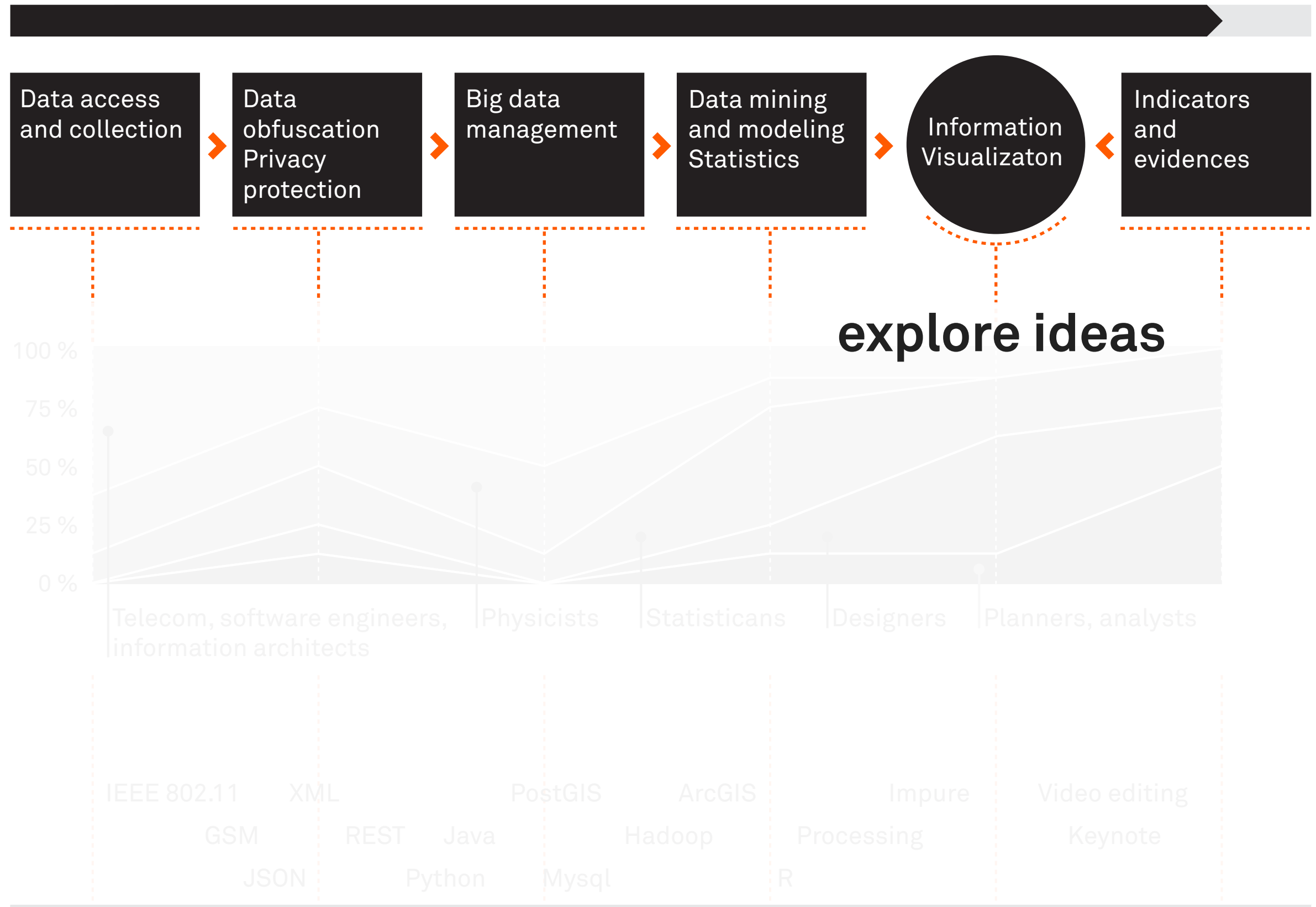








People on the field have the experience to help contextualize the data and early results

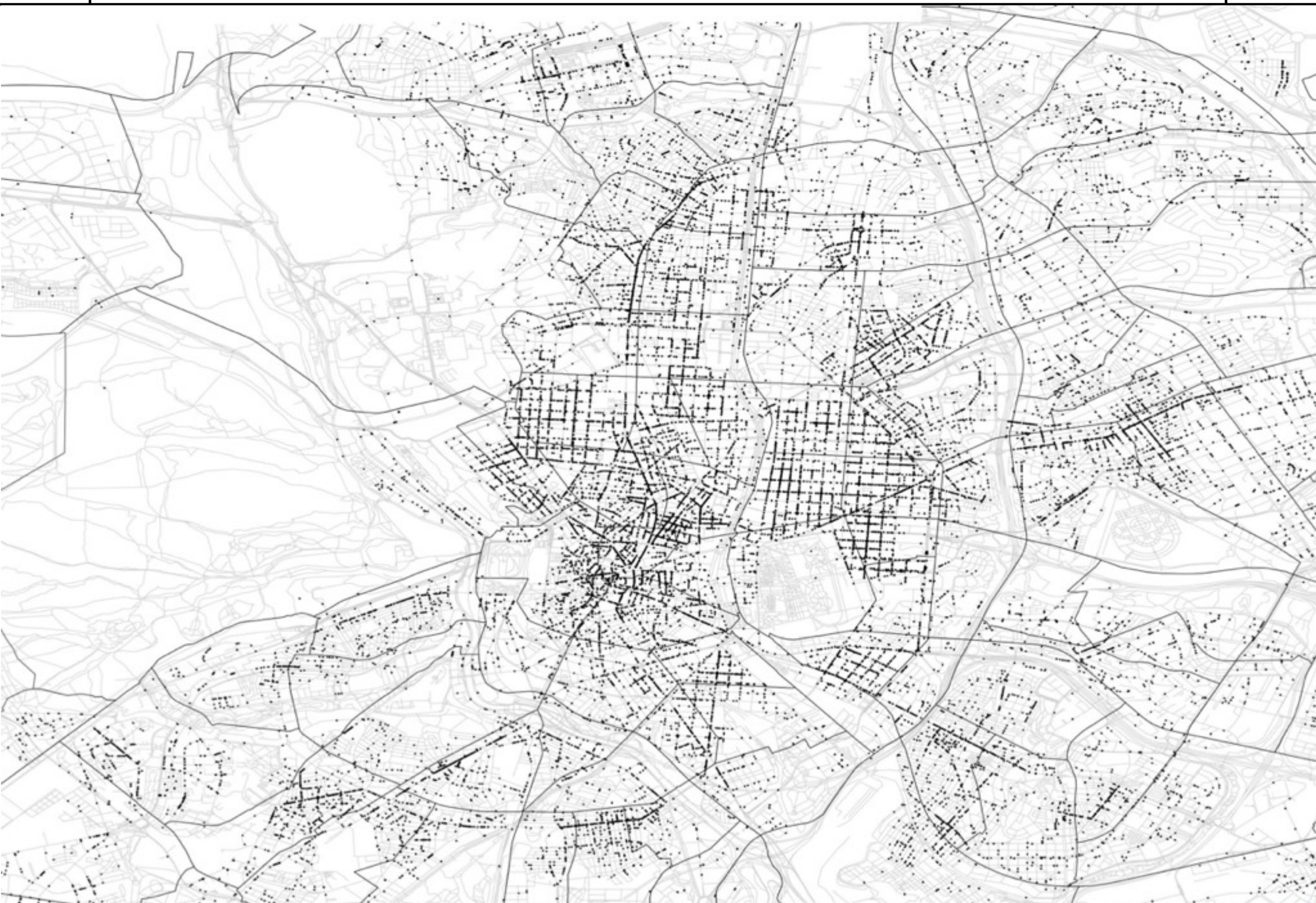


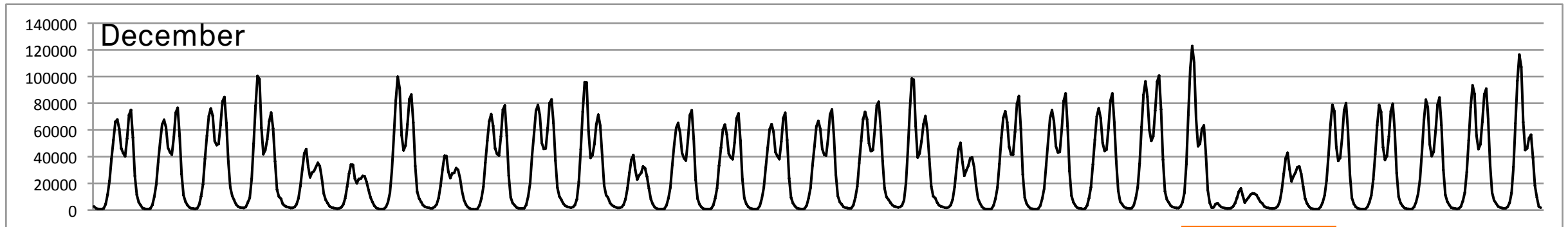
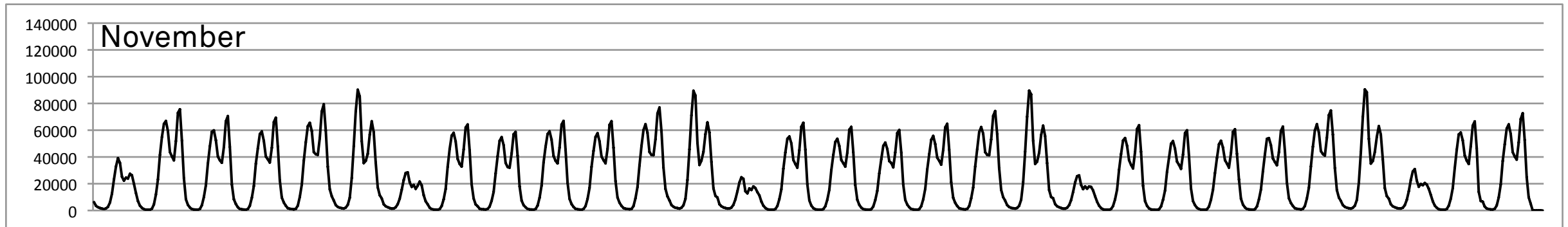
BBVA

Information can be extracted, combined, analyzed, processed and fed back into the city for an intelligent use

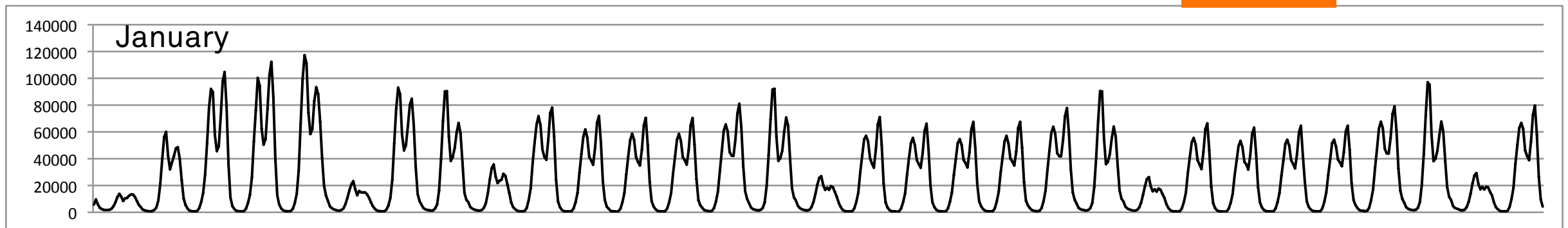




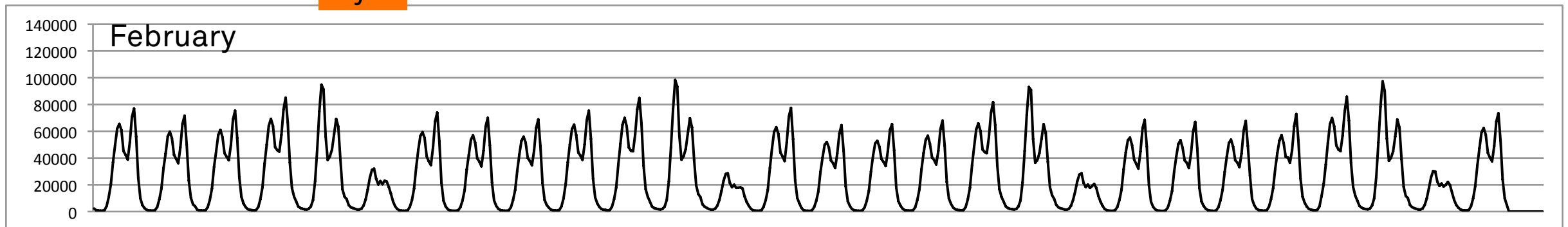




christmas



reyes



0:00



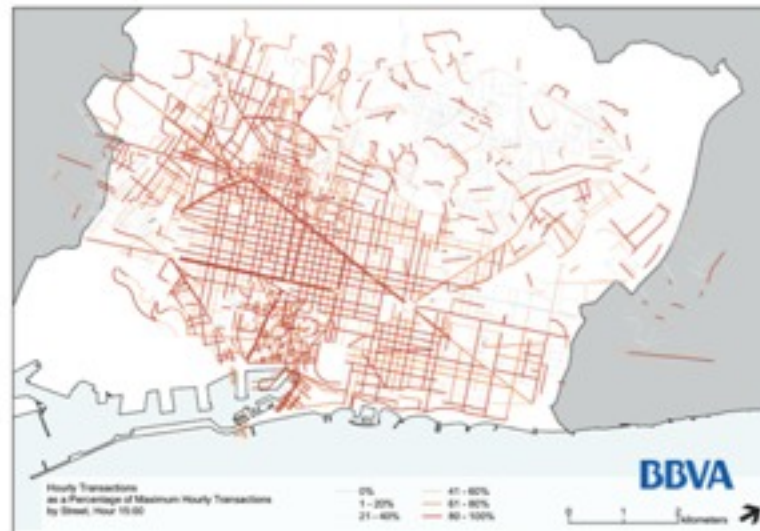
08:00



11:00



15:00

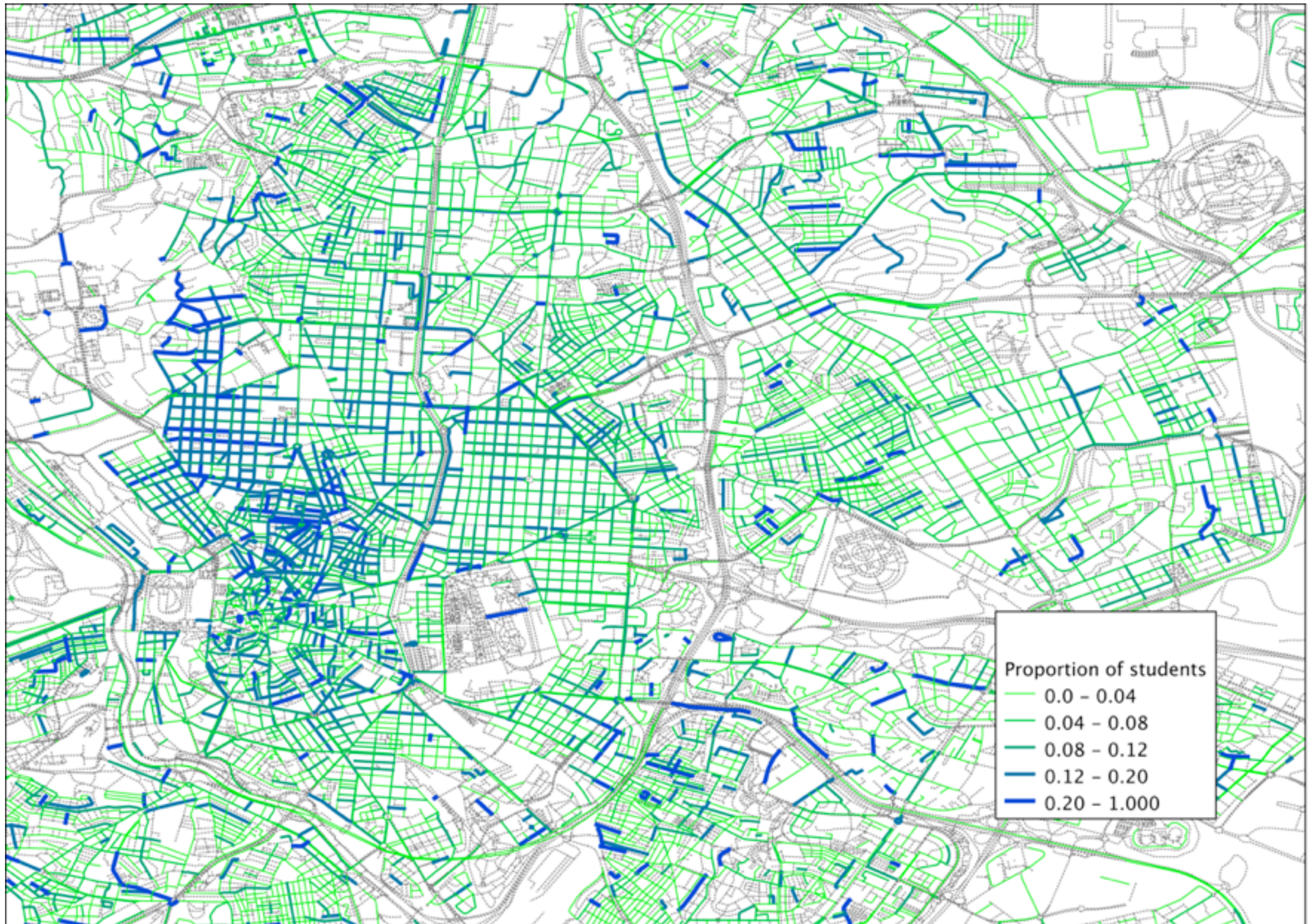


18:00

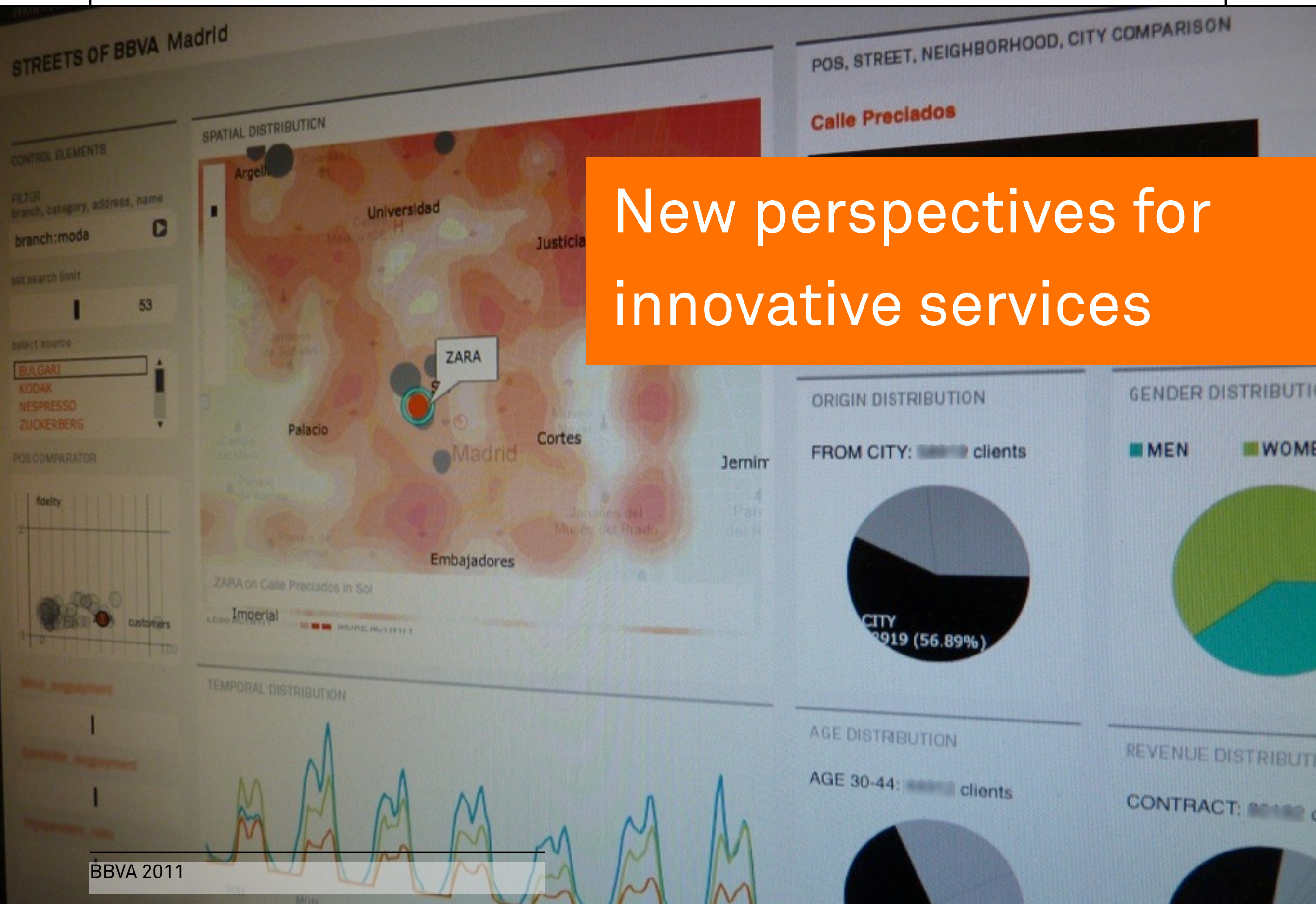


21:00





New perspectives for
innovative services



PART I

PART II

PART III

PART IV

PART V

Network data

Additional layers of information

Métiers and processes

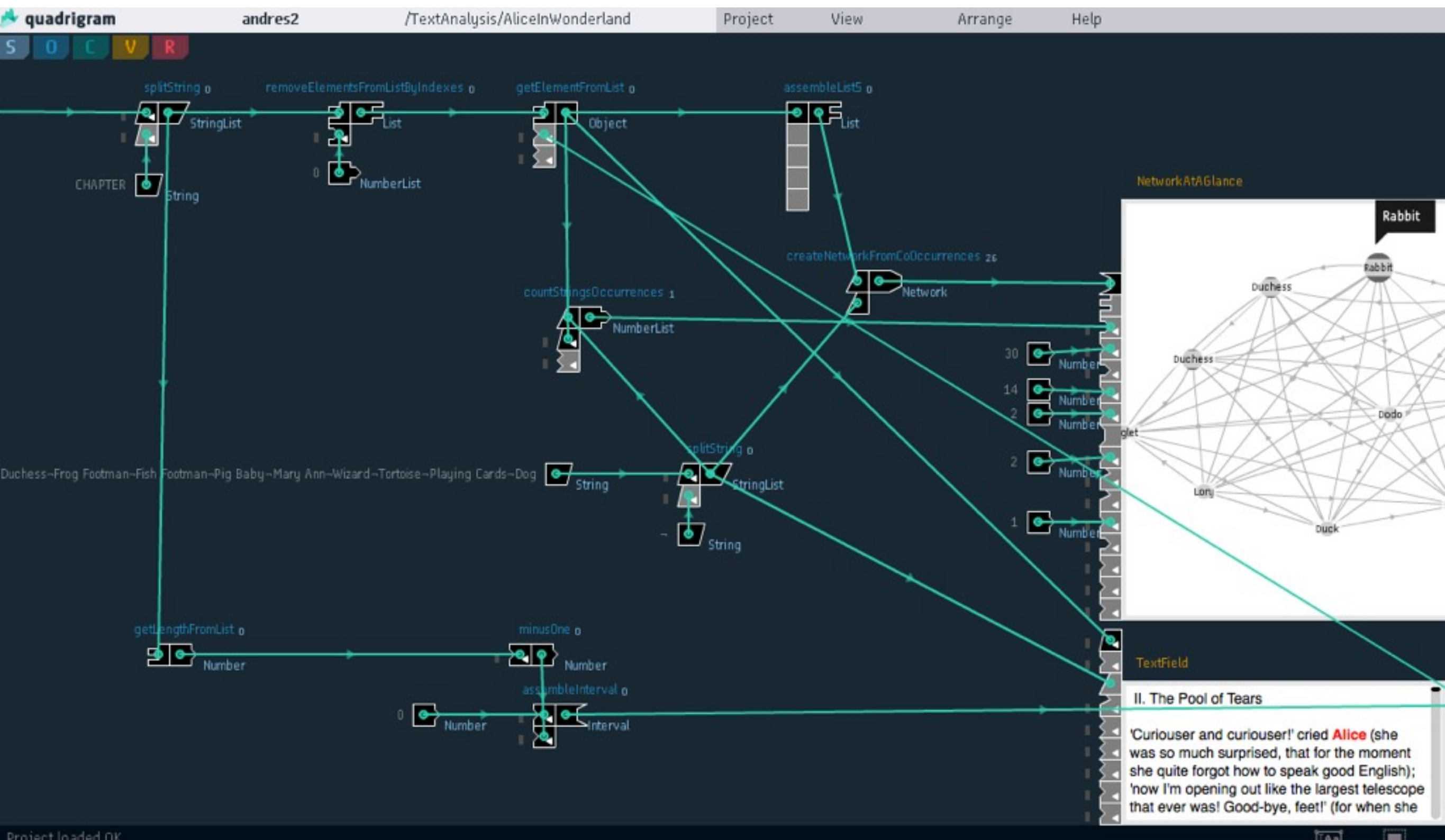
Tools

A few implications



quadrigram





Access

Manipulate

Analyze

Visualize



Time-lapse courtesy of David Marchuet <http://vimeo.com/23691424>

← → ↺ 🏠 🌐

quadrigram andres2 /zaragoza/Network12 Project View Arrange Help 0.15.25

S O C V R

Plot traffic network String

Button

Plot traffic network Object

Load GeoNames

DrawNetwork Image

List

Project loaded OK

PART I

PART II

PART III

PART IV

PART V

Network data

New layers of information

Métiers and processes

Tools

A few implications





Who owns what?

An evolution of the
notion of privacy?



PLAÇA
DE
GEORGE ORWELL



The limitations of the models



Data tells stories not THE story

New urban info providers



informes de precios de idealista.com, guías y contratos

2010 precios venta:

- [índice precios de venta mayo 2010 en pdf \(153 kb\)](#)
- [índice precios de venta abril 2010 en pdf \(156 kb\)](#)
- [precios de venta primer trimestre 2010 en pdf \(996 kb\)](#)
- [índice precios de venta marzo 2010 en pdf \(134 kb\)](#)
- [índice precios de venta febrero 2010 en pdf \(132kb\)](#)
- [índice precios de venta enero 2010 en pdf \(136kb\)](#)
- [histórico: evolución precios venta 2000-2010 en excel \(276kb\)](#)

precios alquiler:

- [precios de alquiler primer trimestre 2010 en pdf \(392 kb\)](#)



Inicio > Ciudadanos

Un joven barcelonés idea un algoritmo para mejorar el bicimg

El cálculo permite fijar las rutas ideales que han de seguir las furgonetas para redistribuir las bicis con rapidez | La fórmula se ha aplicado ya con éxito a un centenar de paradas del servicio público de bicicletas

★★★★★ 0 votos | 42 comentarios

Citizens as actors

bicicletas en Barcelona, ahora hace dos años, y a medida que crecía, han ido multiplicándose las anomalías, muchas de ellas como consecuencia de la gran afluencia de usuarios que ha recibido y que ha desbordado todas las previsiones. Las soluciones

Getting the data back to
the hands of individuals

@SabiaGiardinier's
Barbara <the parent>?

Interaktion, when, ~~what~~ ^{what base}, what to eat, what to drink, what to wear

What

When

What

What day

Barbar

~~What~~

What to eat

What to drink

Interaktion
SabiaGiardinier

Interaktion

My page

000000
000000
000000

Barbara

What

What

What

What

What

What

What

What

What

What

What to eat

What to drink

What to wear

What to wear

What to wear

What to wear

What

What

What

What

What

What

What

What

What

What

What

MERCI GRACIAS THANK YOU DANKE GRAZIE



FABIEN GIRARDIN

fabien@nearfuturelaboratory.com

www.nearfuturelaboratory.com