Plan Avanza, ICT & the future of the internet

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A "Tech-Reallity" tale

.. here is my twitter (@sebasmuriel) just if you have comments while I'm talking ..

Once upon a time, there was an information society blinded by technological enlightment ...

... a place where people were always on the move...

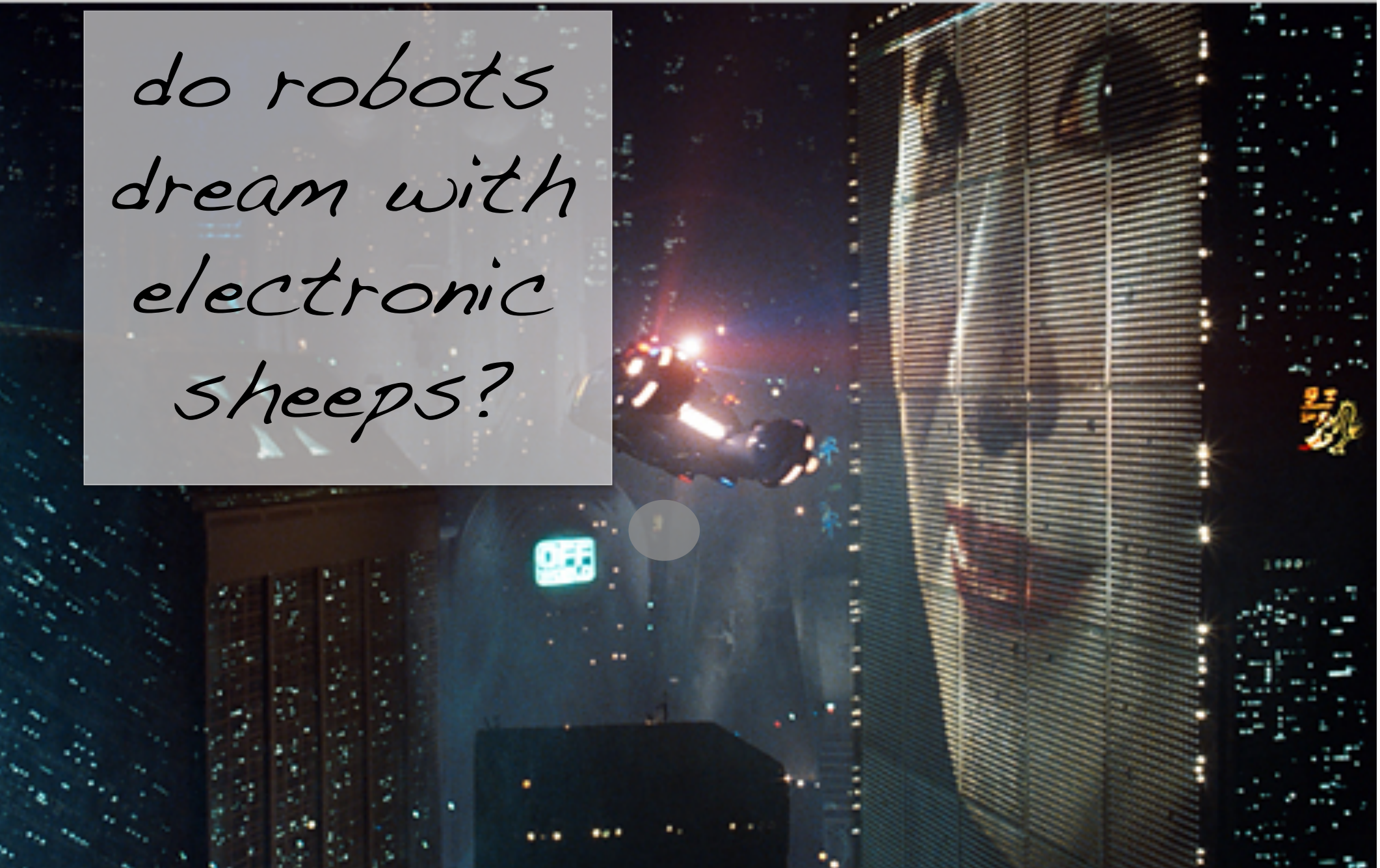.. looking for a different reallity behind their screens (augmented reallity) ..
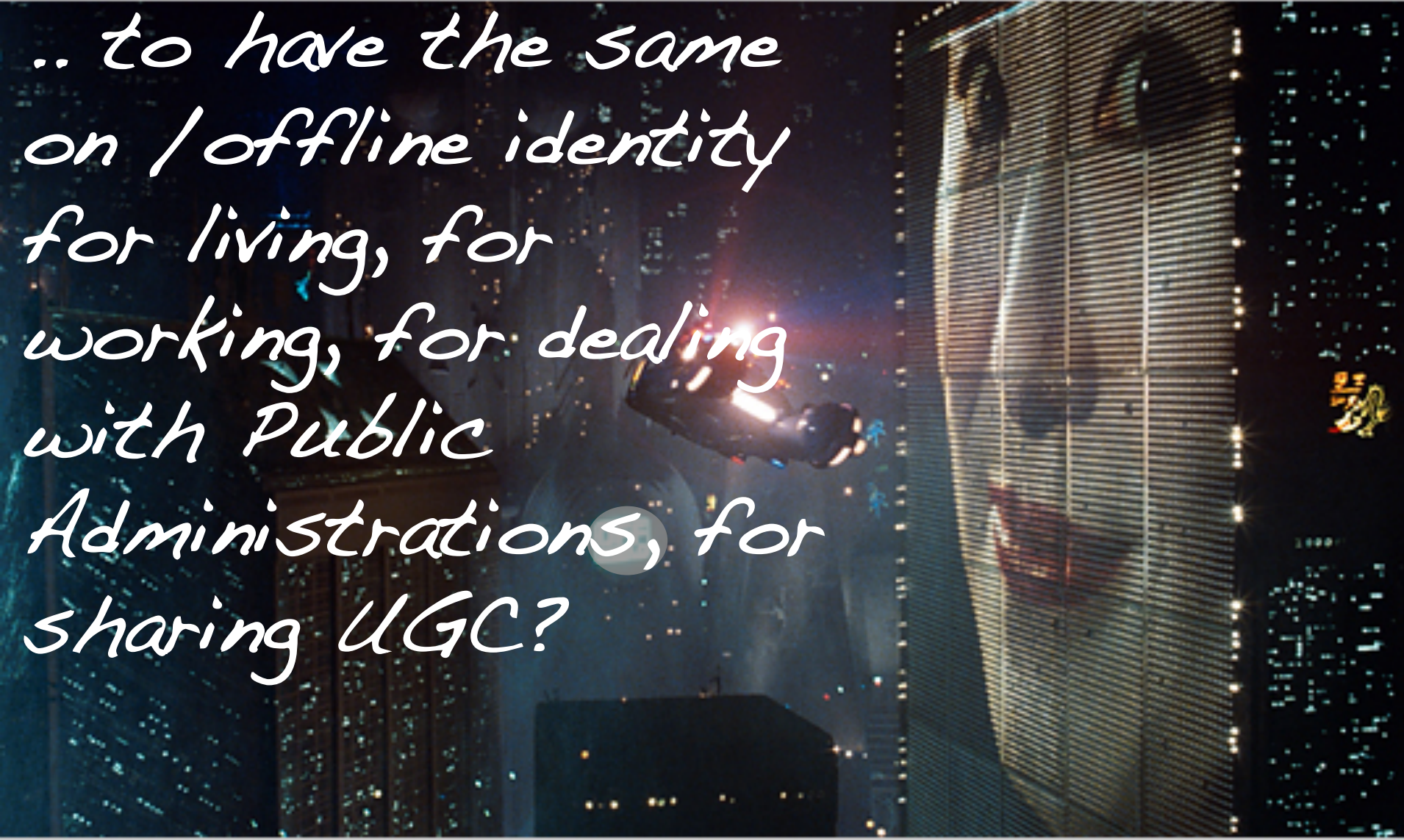
.. and staring at the Cloud
they trust in

do robots dream with electronic sheeps?

wouldn't it be nice...?

.. to have the same on /offline identity for living, for working, for dealing with Public Administrations, for sharing UGC?
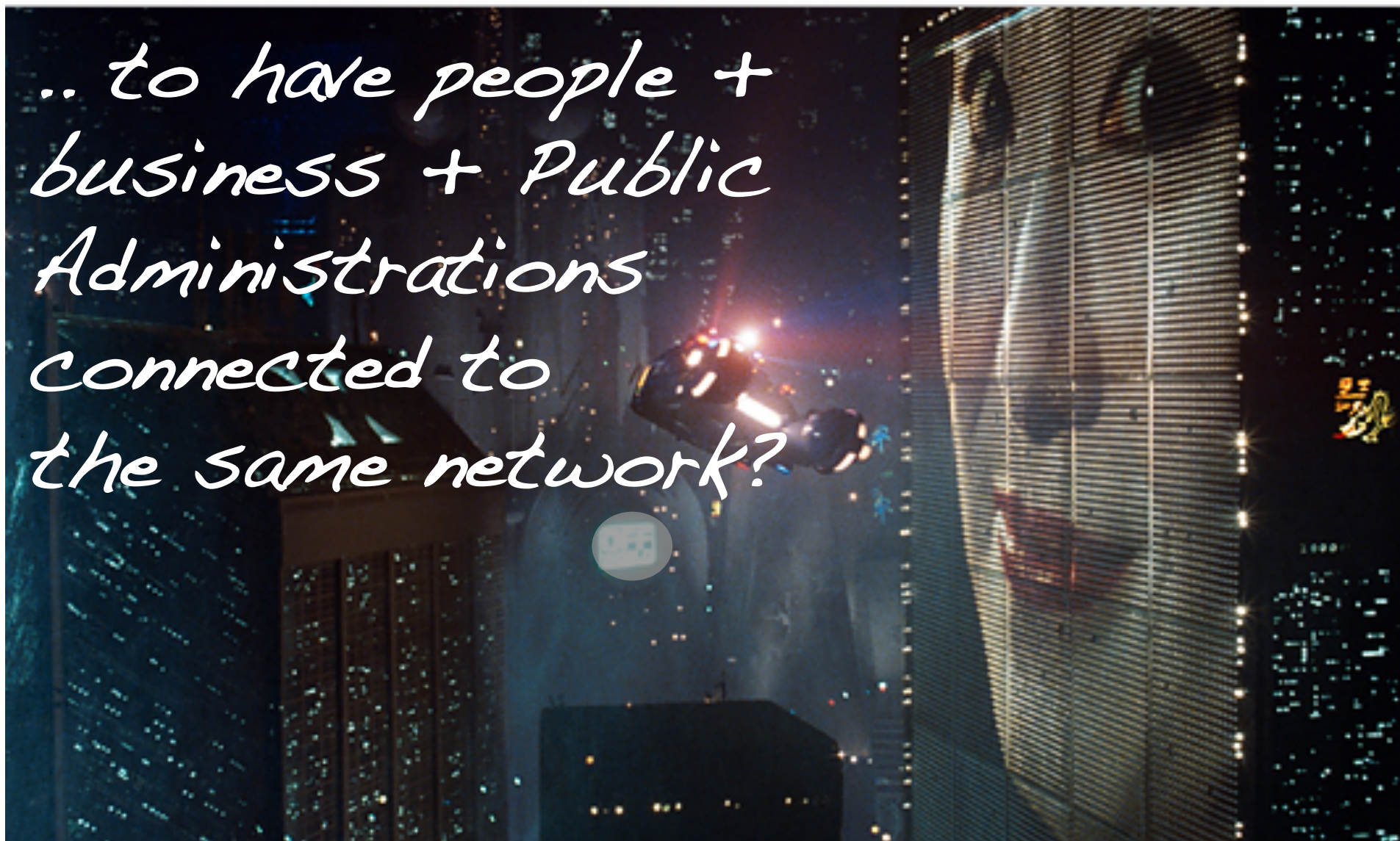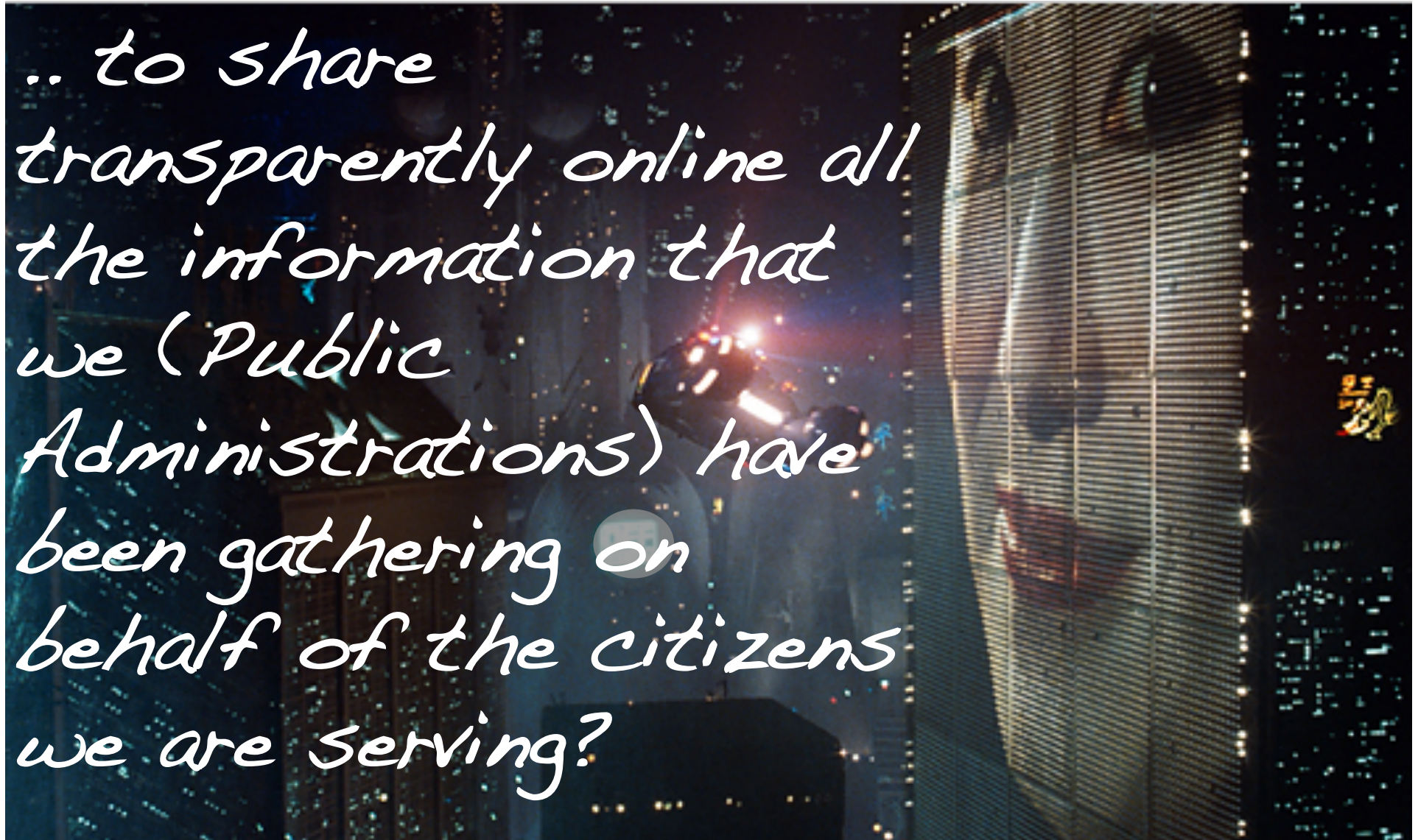
wouldn't it be nice...?

.. to have students and teachers, researchers and enterprises collaborating ALL online for building the innovative society we want Europe to be?

wouldn't it be nice...?

.. to share transparently online all the information that we (Public Administrations) have been gathering on behalf of the citizens we are serving?

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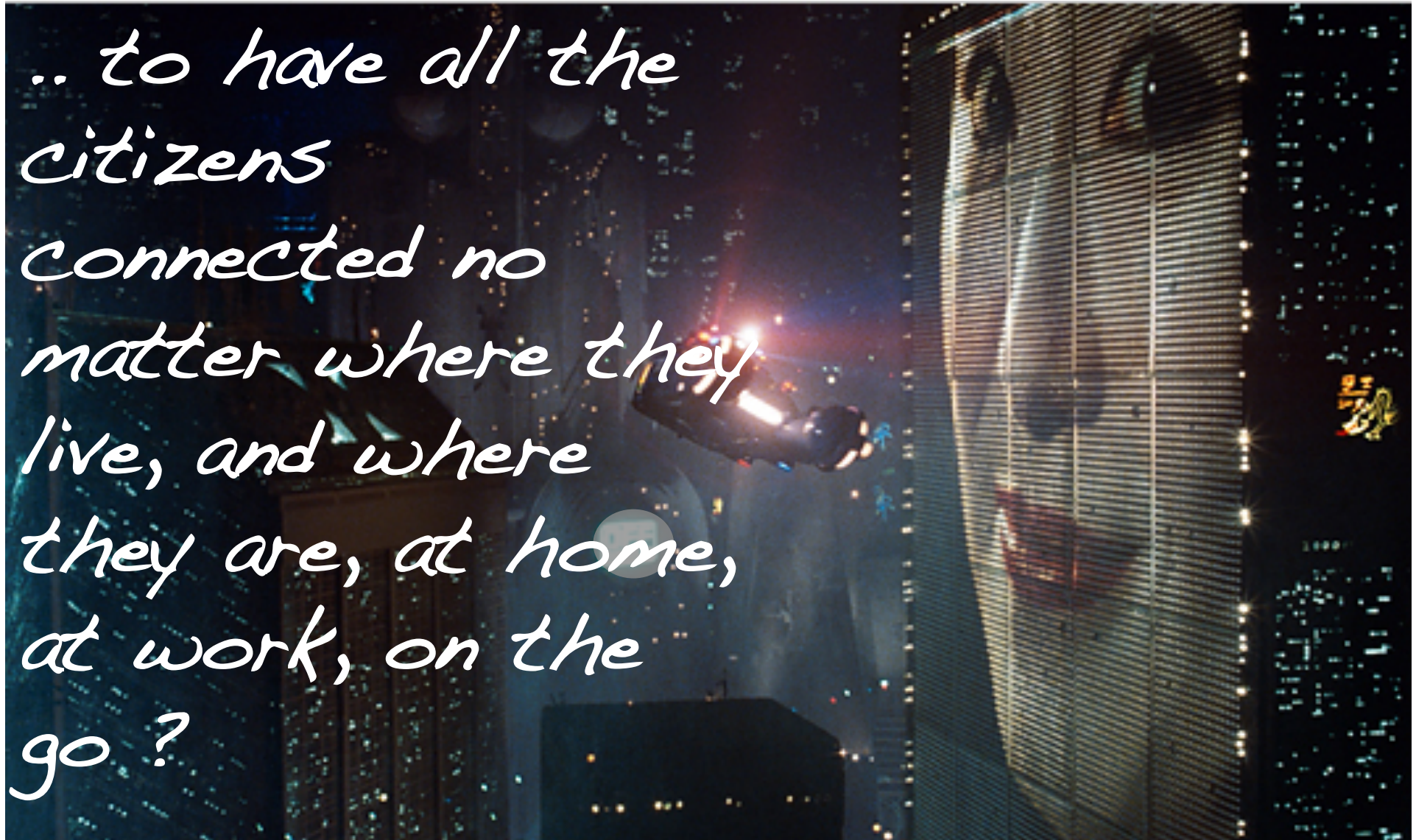
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This Room Is Equipped With

Edison Electric Light.

Do not attempt to light with match. Simply turn key on wall by the door.

The use of Electricity for lighting is in no way harmful to health, nor does it affect the soundness of sleep.

Promoting Information Society

red.es works in cooperation with the private sector and with the other public administrations

ICT suppliers
(Specific Contract Procedures)

Users:
(citizens and SMEs)

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Central, Regional and Local Administrations

.. broadband extension plan ..

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- Plan Avanza PEBA: plan to **extend broadband** to all population centres with insufficient coverage.
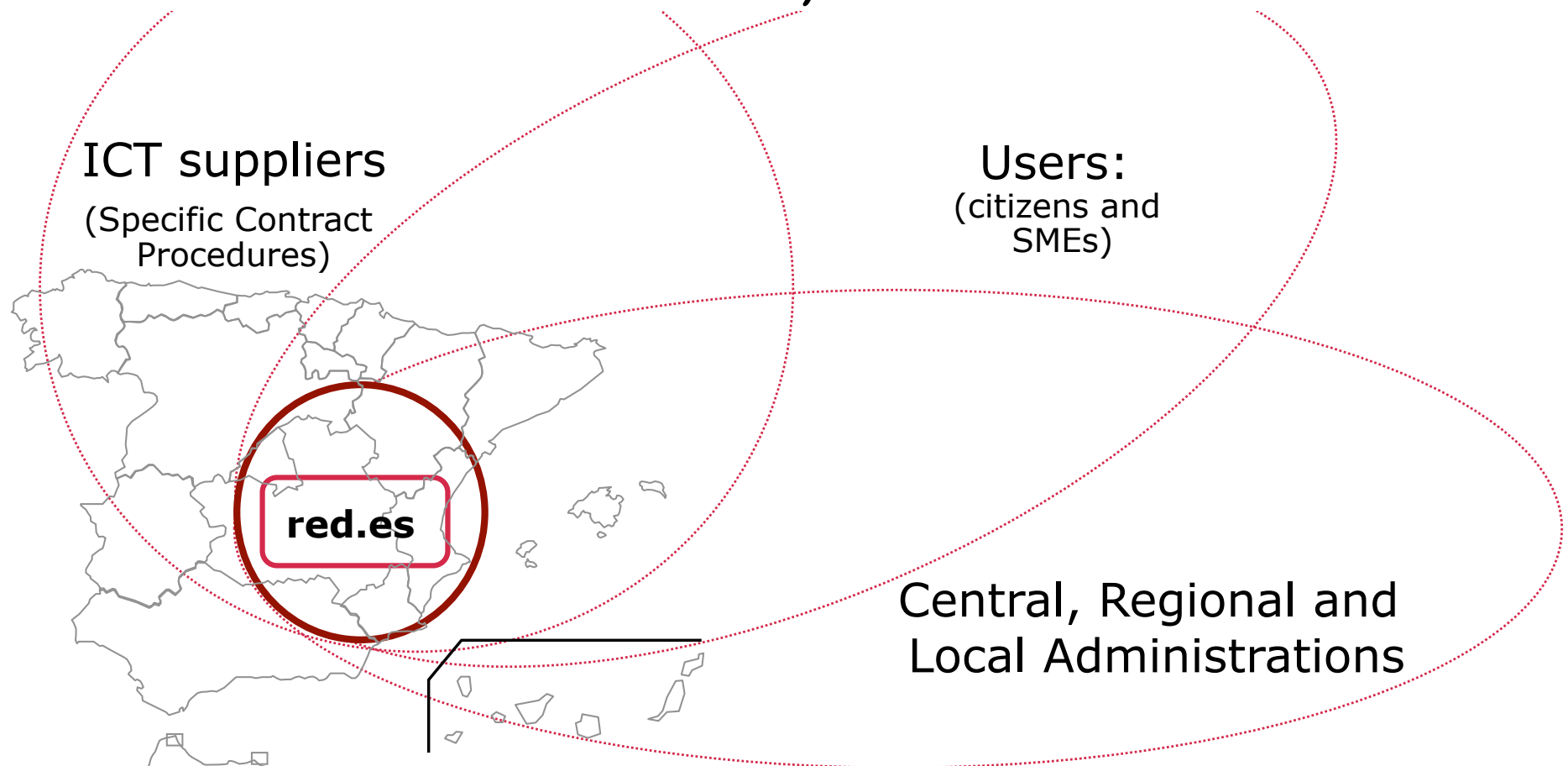- In Spain: 8,110 municipalities: lot of them **rural areas:** 5,820 < 2,000 inhab.; 996 < 100 inhab.
- **Difficult orography.**
- **Target** ⇒ Population: **8,356,552 people ⇒ 5,706 municipalities**

2004: 80%

Broadband coverage of the population in Spain
  ⇒ **80%**

Municipalities with broadband
Municipalities with partial broadband availability
Municipalities without broadband
Municipalities benefiting from Castilla–La Mancha and Castilla y León's own programmes.
Non-participating autonomous regions (no data)
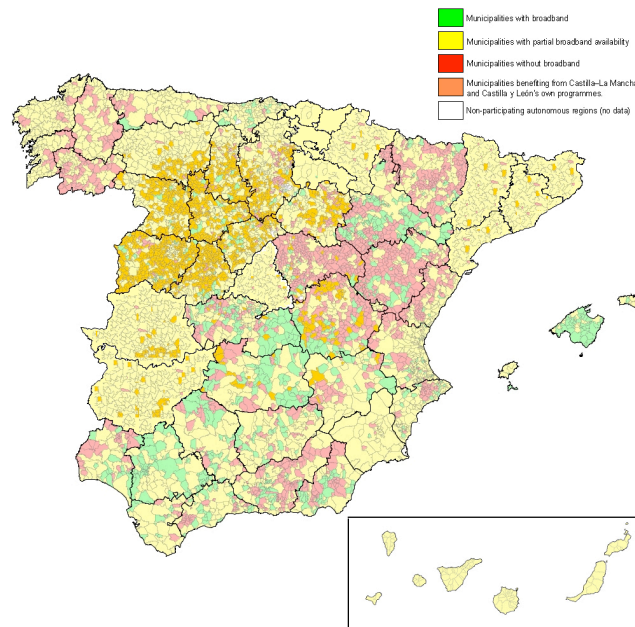
2009: 99%

Broadband coverage of the population in Spain **99%**
(100% of residents in population centres)
'Rural Broadband' became 'commercial Broadband'

plan avanza2 »

Source: http://www.planavanza.es
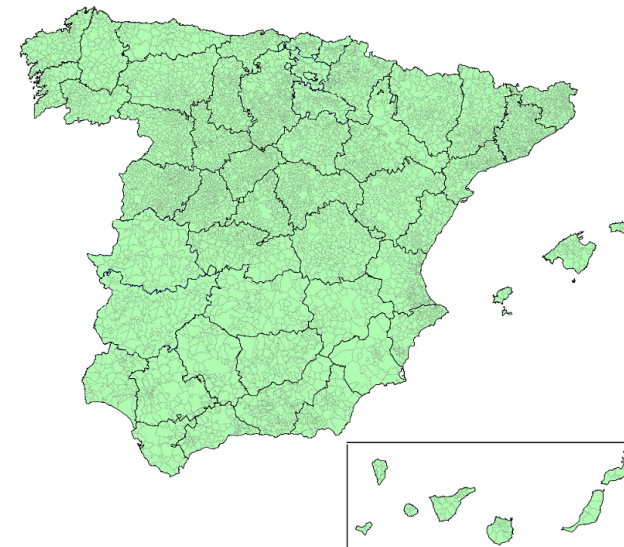
.. we're connecting ..

51% households, 61% of citizens, and 97% of companies are connected to the Internet with broadband connection
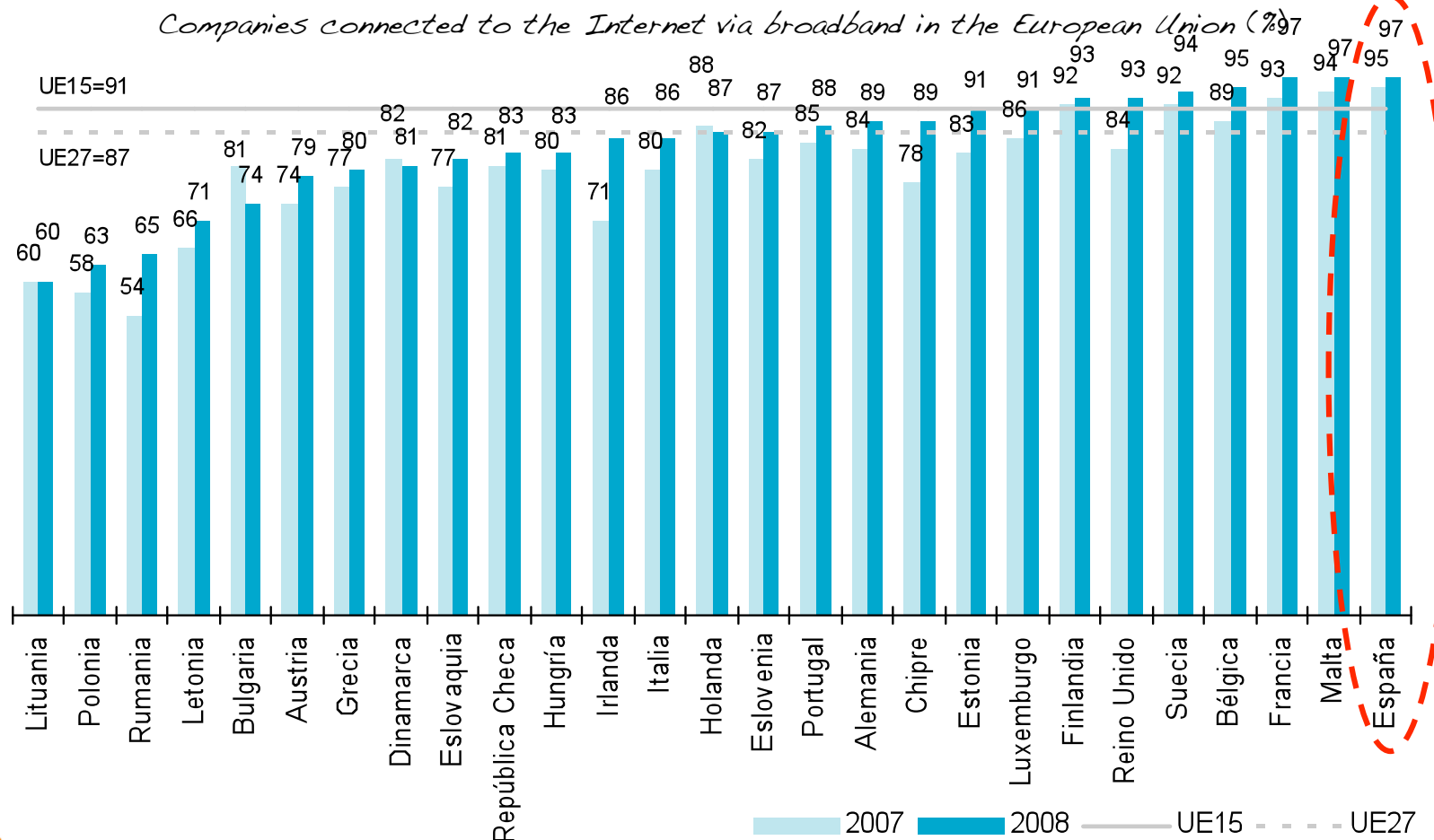
Companies connected to the Internet via broadband in the European Union (%)

UE15=91

UE27=87

	Lituania	Polonia	Rumania	Letonia	Bulgaria	Austria	Grecia	Dinamarca	Eslovaquia	República Checa	Hungría	Irlanda	Italia	Holanda	Eslovenia	Portugal	Alemania	Chipre	Estonia	Luxemburgo	Finlandia	Reino Unido	Suecia	Bélgica	Francia	Malta	España
2007	60	58	54	66	81	74	77	81	77	81	80	71	80	88	82	85	84	78	83	86	92	84	92	89	93	94	95
2008	60	63	65	71	74	79	80	82	82	83	83	86	86	87	87	88	89	89	91	91	93	93	94	95	97	97	97

2007   2008   UE15   UE27

Source: http://www.ontsi.red.es

Source: Eurostat

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Spain is among the leading countries of Europe in **mobile broadband** (26 lines per 100 inhabitants)
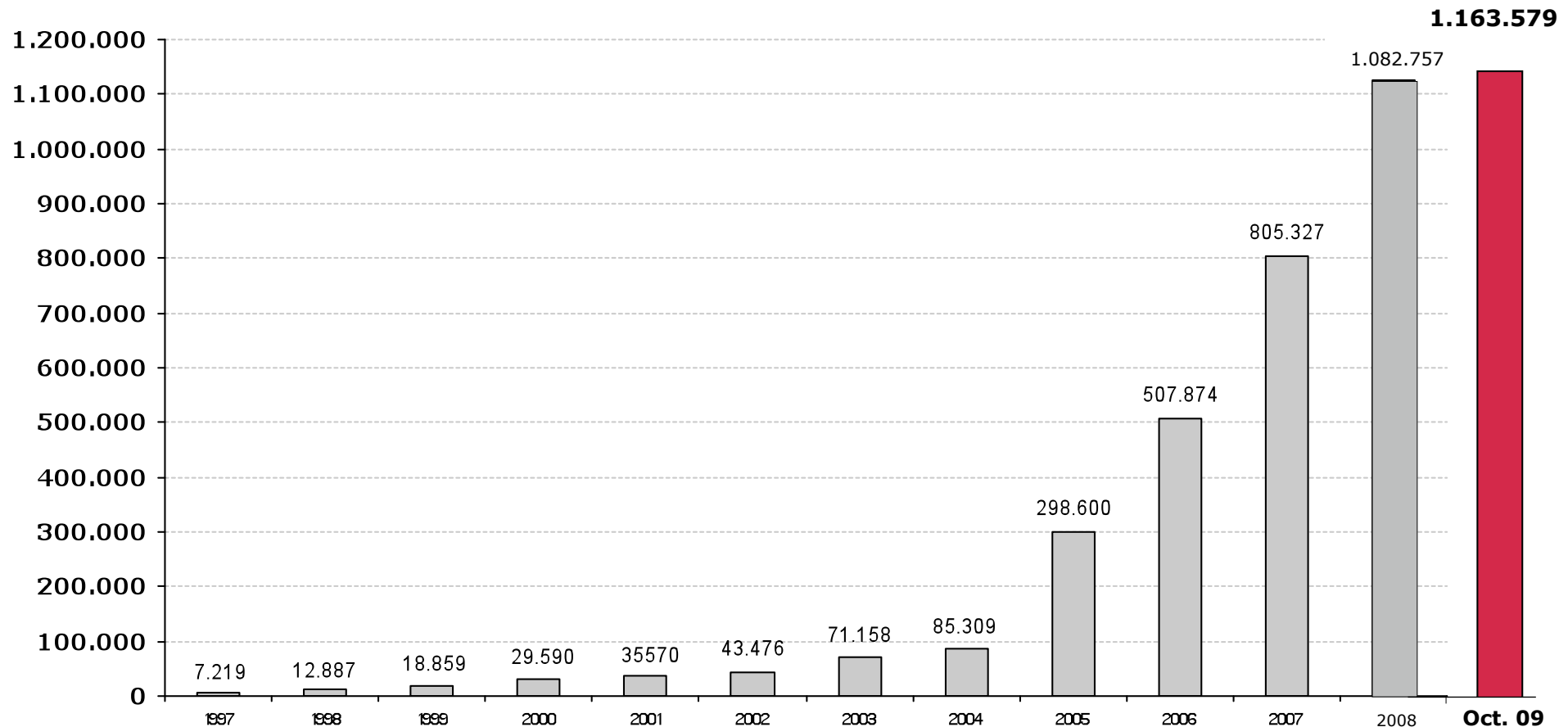
we don't only want to connect ..

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.. we also want to BE part of the internet !!

1.163.579 domains .ES (oct. 09)

Year	Domains
1997	7.219
1998	12.887
1999	18.859
2000	29.590
2001	35570
2002	43.476
2003	71.158
2004	85.309
2005	298.600
2006	507.874
2007	805.327
2008	1.082.757
Oct. 09	1.163.579

Source: http://www.red.es

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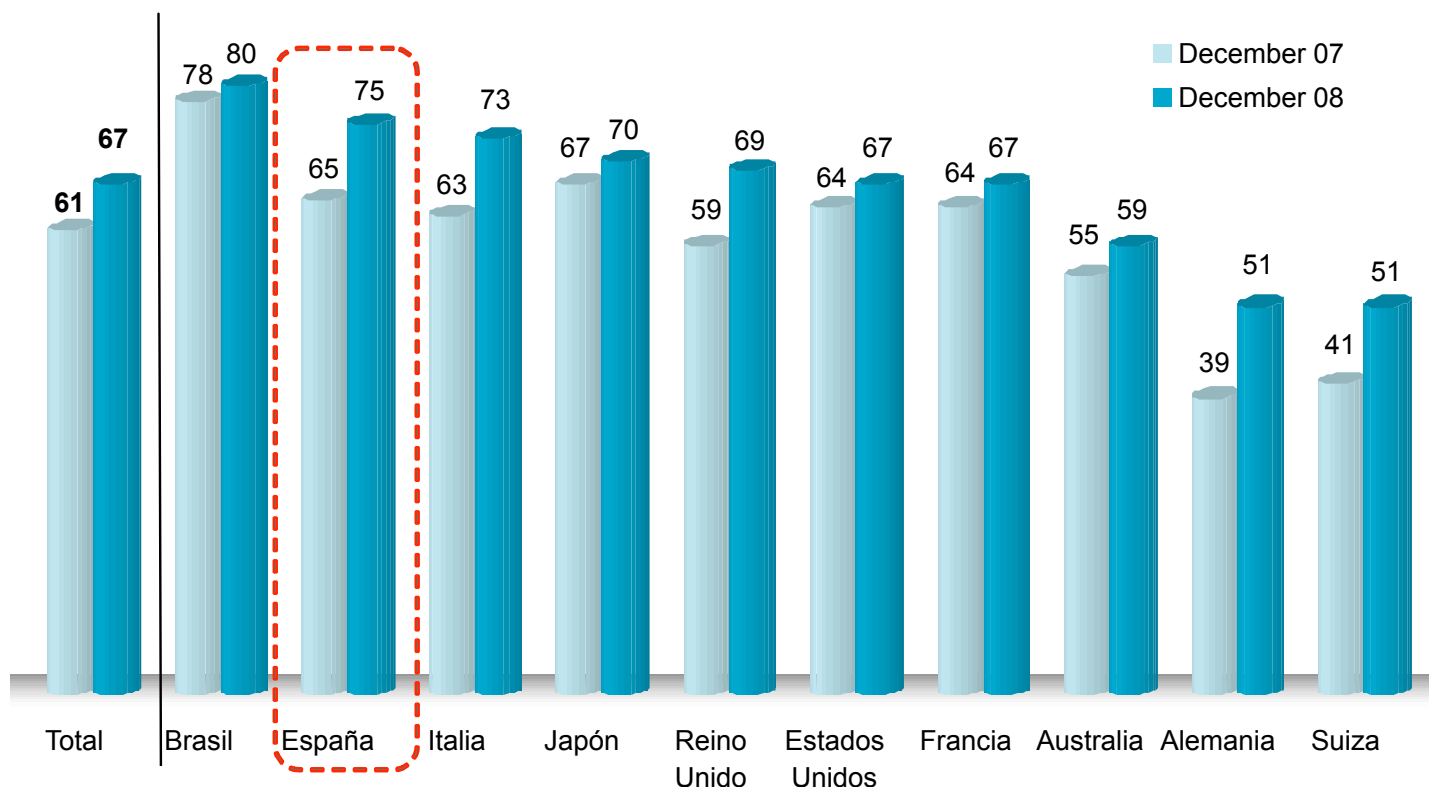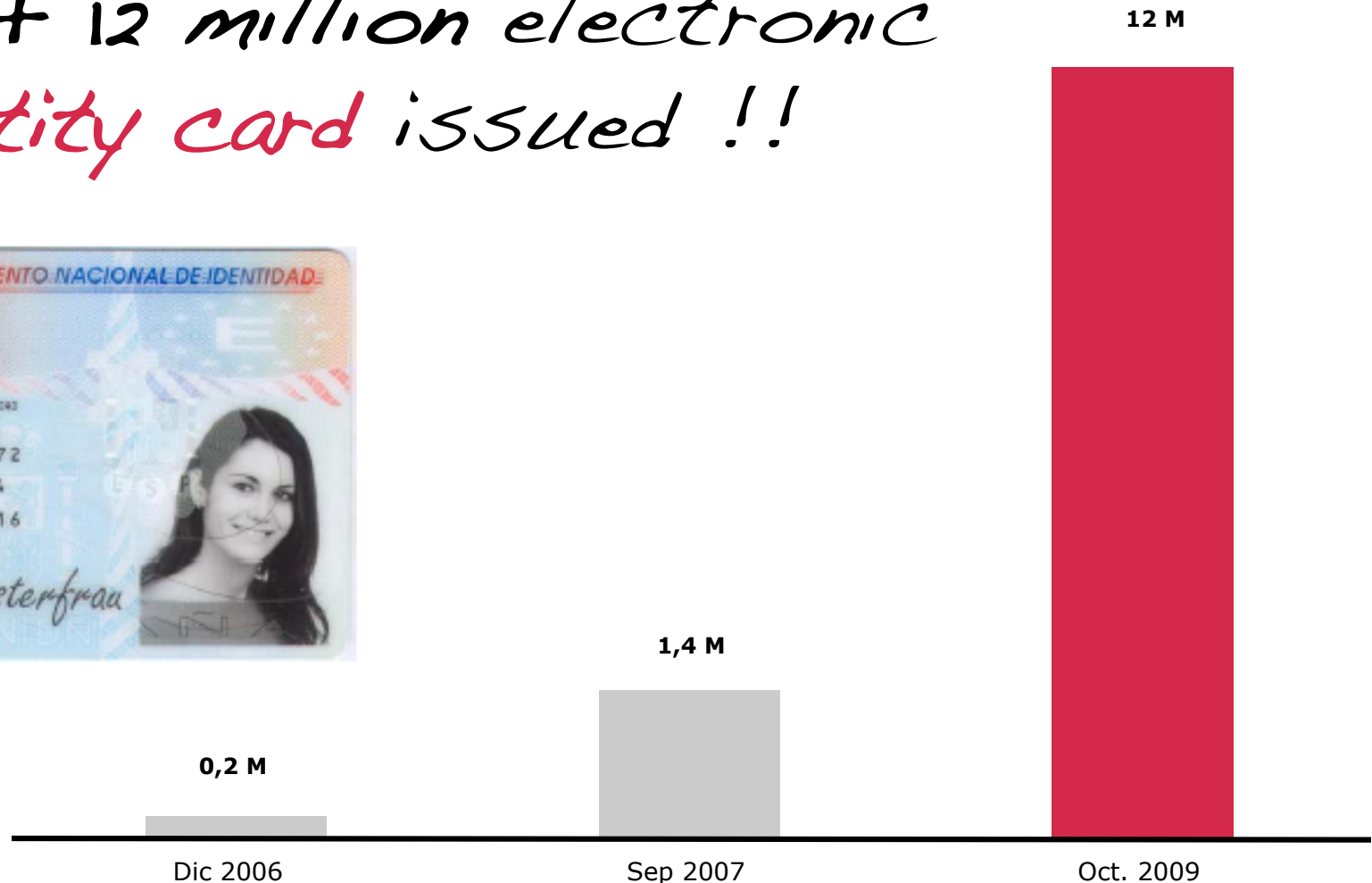*.. and we want to participate !!*

Spain is the *first country in U.E.* and second in the world (after Brazil) in percentage of Internet users participating in *social networks*

Percentage of visitors to social networks by country

December 07
December 08

| Total | Brasil | España | Italia | Japón | Reino Unido | Estados Unidos | Francia | Australia | Alemania | Suiza |

e-health services development
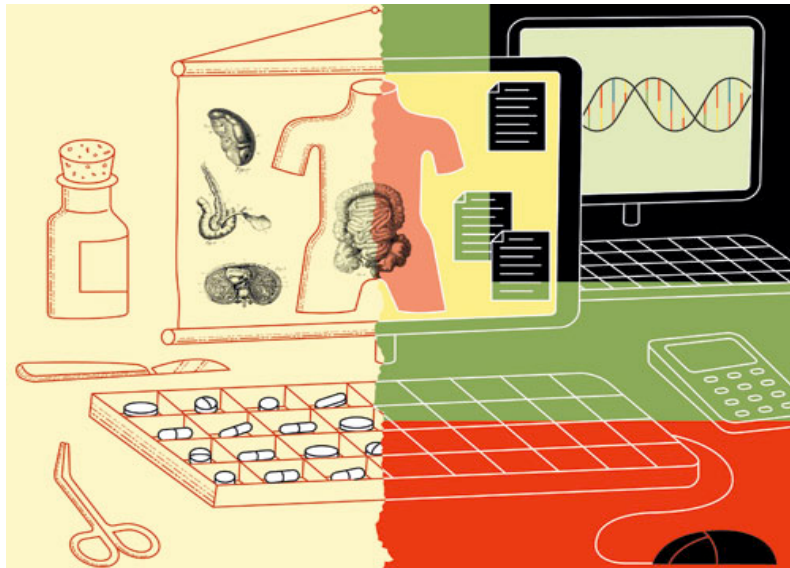
- Electronic clinic history (**97%** of health centers)

- e-prescription (**+6,000** family physicians, **+7 million** patients)

- on-line medical appointments (**64%** of health facilities, 21 million citizens)

- All citizens (**+45 million**) are part of the **National Health System** and health cards are already fully **interoperable** (project has interconnected **17 regional health systems**)

Source: http://www.red.es

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Internet in the Classroom:

+ 20.000 schools already
+ 6 millon students
+ 500.000 teachers
+ 99% centres broadband access
100% public universities open WiFi

Source: http://www.red.es

.. digital educational contents ..

An open source communication platform for teachers, students and families:

- > 75% of teachers have been IT-trained.
- > 60% of teachers prepare materials on-line
- U.K. is using agrega's code to develop their strategy

Who is it for?

agrega

What can I do?

HOME VIDEOS DOCUMENTS DOWNLOADS TUTORIALS BLOG

SEARCH CONTENT NODE ▾   Search for contents in Agrega   Go

What is agrega?

The best source for high quality digital educational contents

Agrega is a federation of repositories of digital educational contents, validated pedagogically, of free access and designed for the teaching community.

find   download   participate

PLAN **avanza2**»»

Source: http://www.proyectoagrega.es

Digital Convergence is about People, Contents and Technology... To what extent are important each one of the three of them?

- + 10.000 attendants.
- + 400 international experts
- FICOD Includes the International Conference on Intellectual Property.

Source: http://www.ficod2009.es/

To be Continued ...

Thanks !!

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