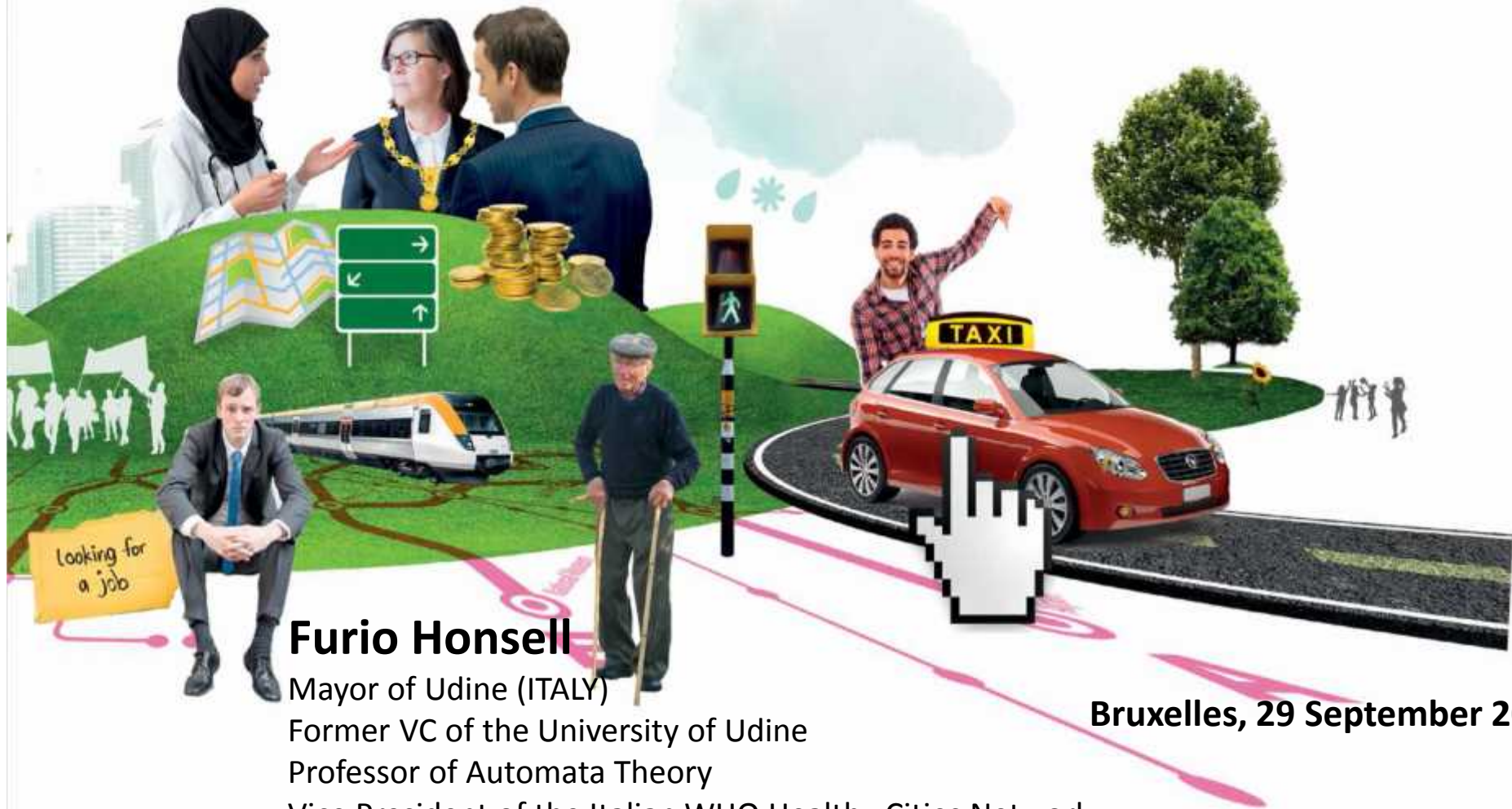


# Launching the JPI Urban Europe Strategic Research and Innovation Agenda



**Furio Honsell**

Mayor of Udine (ITALY)  
Former VC of the University of Udine  
Professor of Automata Theory  
Vice President of the Italian WHO Healthy Cities Network  
President of the Italian Association of Public Toy Libraries

**Bruxelles, 29 September 2015**



**UDINE** pop 100,000  
**Greater Udine** pop 180,000  
**FRIULI** pop 1,200,000



# Snapshots from Udine



# THE CENTRE or HYPERCENTRE?





Reduce  
parasytic &  
passive  
traffic



# Re-use & retrofit public buildings



Yet, some social inequities...



# CHALLENGES

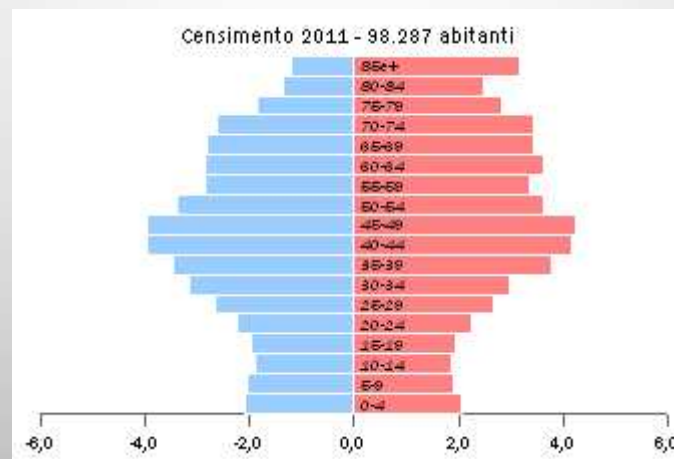
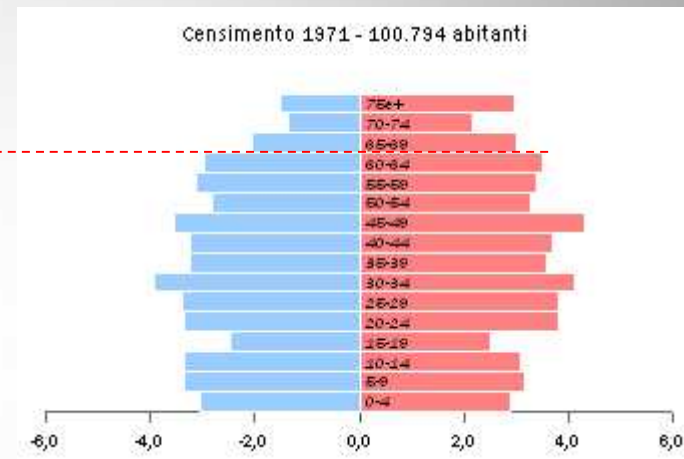
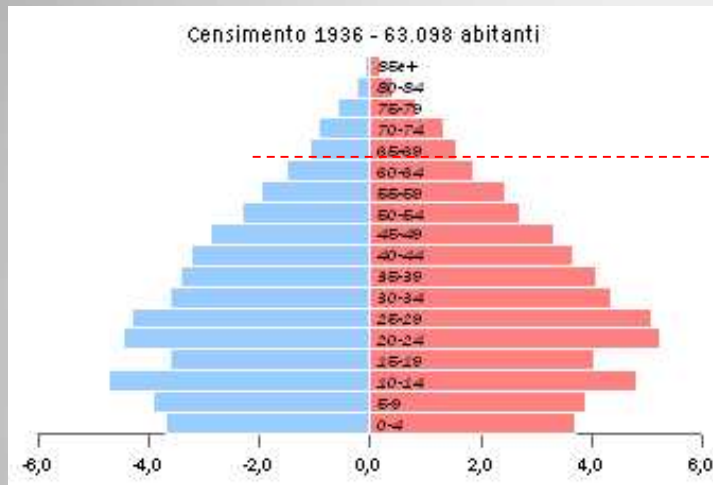
- Demographic change (Ageing & Ageism)
- Increasing health inequities
- Innovation
- Environmental changes
- Hybridism & Melting pot cities and suburbs
- Isolation & Solitude
- Waste & re-use
- Health & Healthy tourism
- Intergenerationality
- Young people & unemployment
- **DECLINE VS DECLINISM (Saskia Sassen)**





Comune di Udine

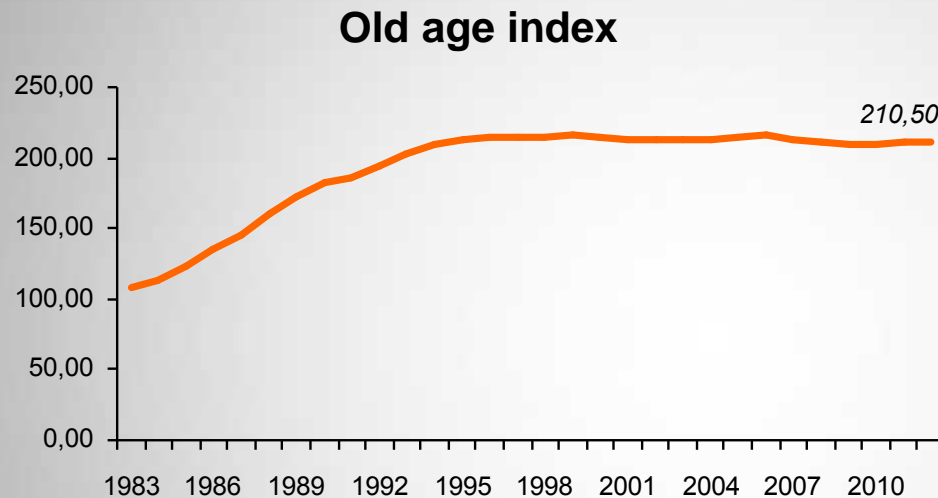
## Snapshots of demographic shift





Comune di Udine

## *More snapshots of a demographic shift*



Today in Udine there are **210**  
over 65 citizens for every **100**  
under 14  
**0.06% centenaries**

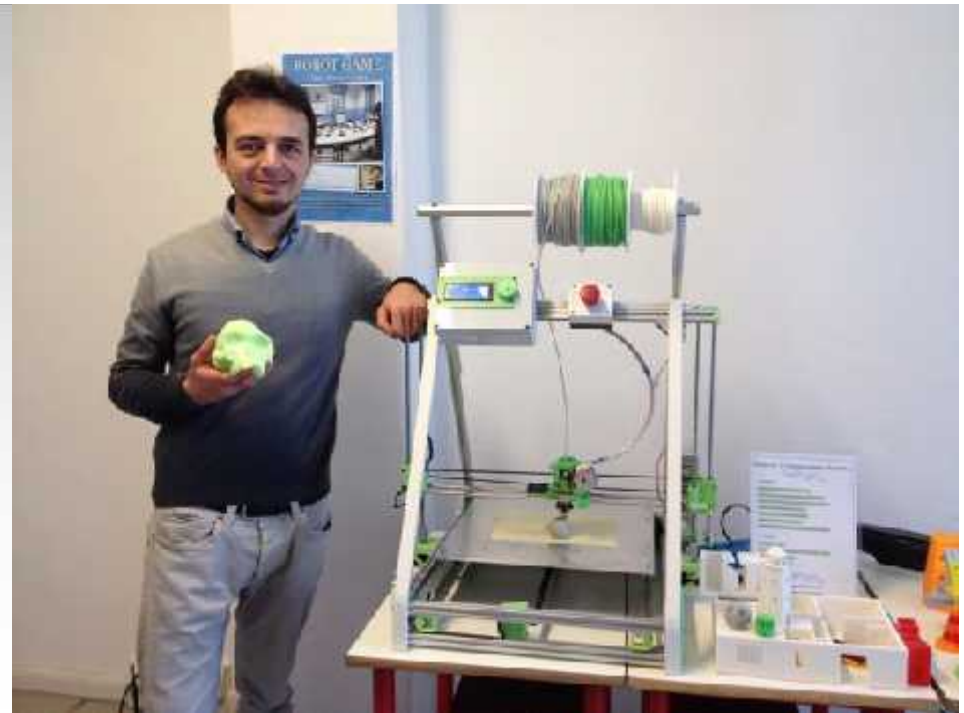
The need to cater for an **AUTONOMOUS** social component within the community with its own needs, but also **EXPECTATIONS** and **LIFE PERSPECTIVES**

**In Udine there are 49,000 families**

**34,000 are single component families**

**8,800 of them are over 65, mostly women**

- **YOUNG POPULATION**
- **40% unemployment due to globalization and the closing down of manufacturing industry**
- **INNOVATIVE INITIATIVES**
  - **CO-WORKING**
  - **MEANWHILES**
  - **POP UP SPACES**
  - **RAPID PROTOTYPING**
  - **EMERGING SECTORS: Energy Efficiency, Social Care**



# ASYLUM SEEKERS



# A CRICKET BAT

Game to promote  
inclusion & socialization



# ENERGY DAY: frugality, education, integration PROMOTING SUSTAINABLE LIFESTYLES

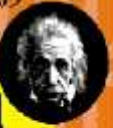


Cochlea Archimedeia





**Festa del Pi greco**  
 Udine, Piazza Matteotti  
 sabato 14 marzo 2009

**LUD  
 BUS** *Buon compleanno, Albert!* 

**π**

**Pi Day  
 3.14**

**π** ore 15:30 > 17:30 >> Giochi d'ingegno con il Ludobus  
**π** ore 17:00 > Gara di Pi greco a memoria - sfida all'ultima cifra

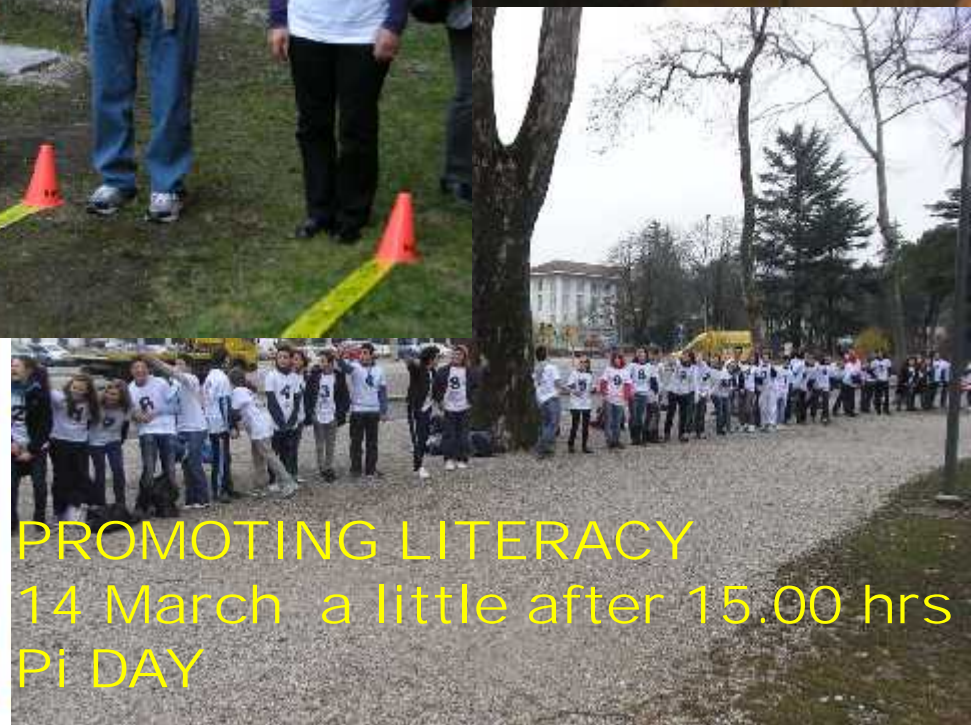
Comitato di Udine  
 Piazza Matteotti 10, 33012 Udine (UD) - Italia  
 Telefono tel. 0432.276771 - 78  
 www.comitato.it

**π**

**Pi Day  
 3.14**

**π** ore 15:30 > 17:30 >> Giochi d'ingegno con il Ludobus  
**π** ore 17:00 > Gara di Pi greco a memoria - sfida all'ultima cifra

Comitato di Udine  
 Piazza Matteotti 10, 33012 Udine (UD) - Italia  
 Telefono tel. 0432.276771 - 78  
 www.comitato.it



PROMOTING LITERACY  
 14 March a little after 15.00 hrs  
 Pi DAY

# Health and Social Problems are Worse in More Unequal Countries

## Index of:

- Life expectancy
- Math & Literacy
- Infant mortality
- Homicides
- Imprisonment
- Teenage births
- Trust
- Obesity
- Mental illness – incl. drug & alcohol addiction
- Social mobility

## A Fair Society





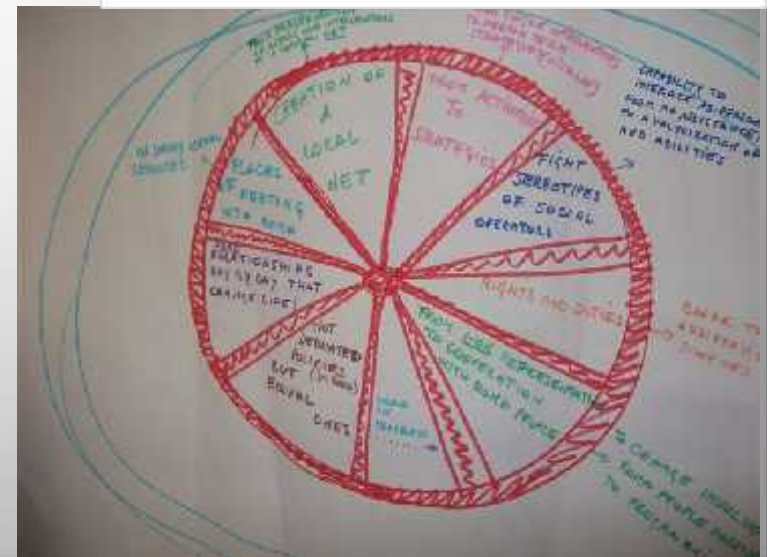
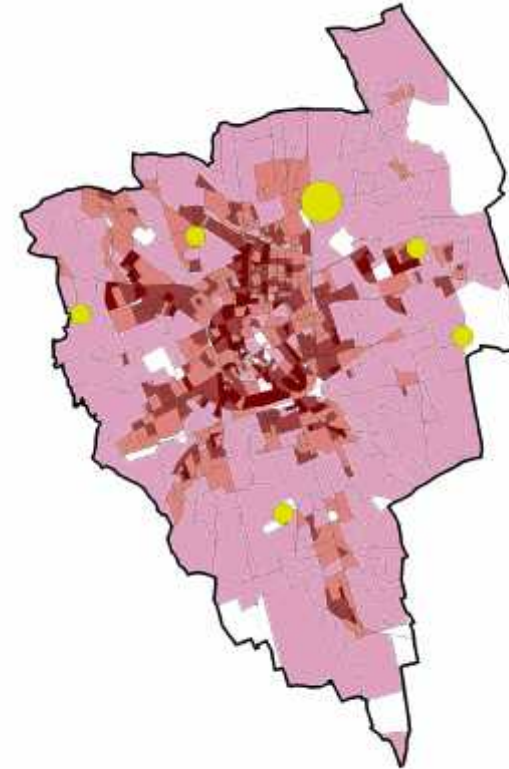
Connecting cities  
Building successes



# Roma-Net 2010-2013

139 Members of Local Support Groups

ROMA SETTLEMENTS IN UDINE





# Healthy Ageing

Cities' Action for  
Healthy & Active Ageing



An opportunity to share, improve and implement in a systematic way

Connecting cities  
Building successes



# Udine sustainability & efficiency



2006 Baseline 700,000 CO<sub>2</sub> t from fossile fuels



2009 Joined the **Covenant of Mayors**



2010 Definition of **Action Plan for Sustainable Energy 20-20-20**



2011-14 European project **Cyber Display** for energy efficiency in public buildings



2011 Certification **ISO 14001** of Municipality  
2012 Certification **EMAS** of Municipality



2012 **Environment Budget**



2009-13 Scientific mediation and education



**2020 EUROPEAN INITIATIVE: Increase energy efficiency and reduce emissions of greenhouse gases from fossile fuels by 20% by 2020**



In 2012 the Municipality has achieved the 20% reduction  
Overall emissions have increased  
Need for collective action

# Covenant of Mayors

Committed to local sustainable energy

**Energy Budget: compute carbon and water footprints**

**District heating**

**Energy aware building regulations: insulation, orientation**

**Turbines, Geothermal, Solar**

**Reuse, recycle, recovery**



**Udine: SEAP in action**

# INNOVATION

- New generation network: fiber to the cabinet through the sewage & street lighting pipes, 50Mbps 250km
- European Digital Agenda 20 Mbps by 2020
- Open data
- District heating & cogeneration plants

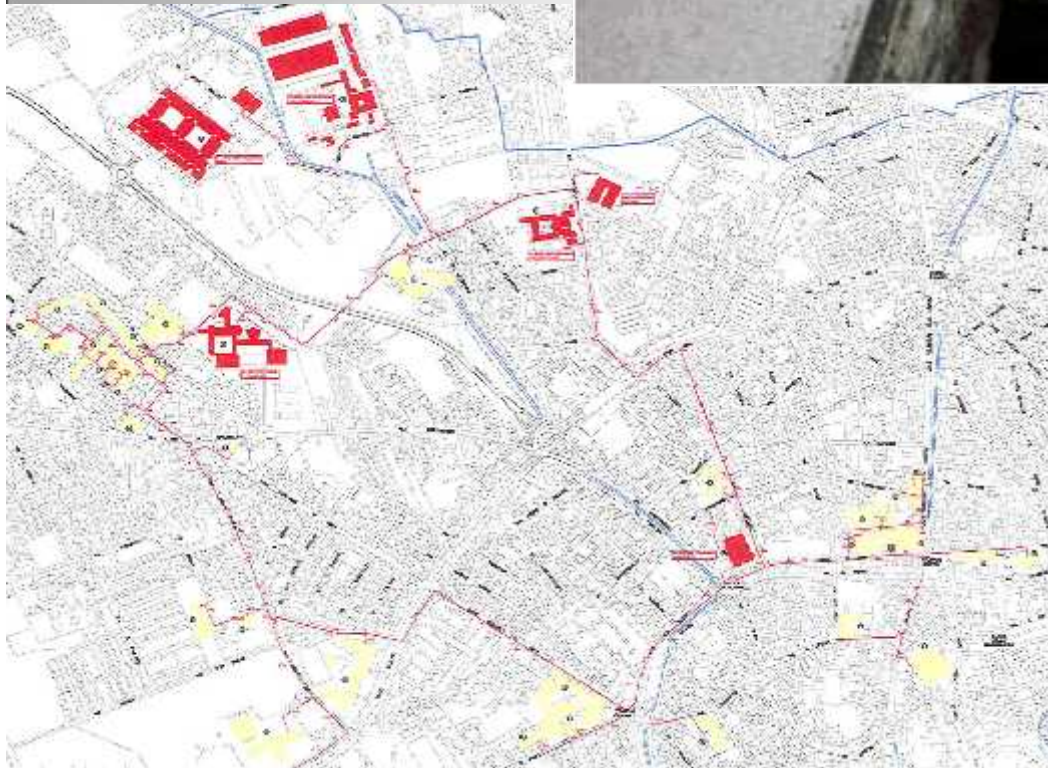


# NEW TECHNOLOGIES

- Video inspection
- E- PART
- District heating



- How do turn every citizen into a “controller” who indicates what has to be improved in town? Traceability via e-mail



# Project CEC5: “building 8”, a former municipal slaughterhouse

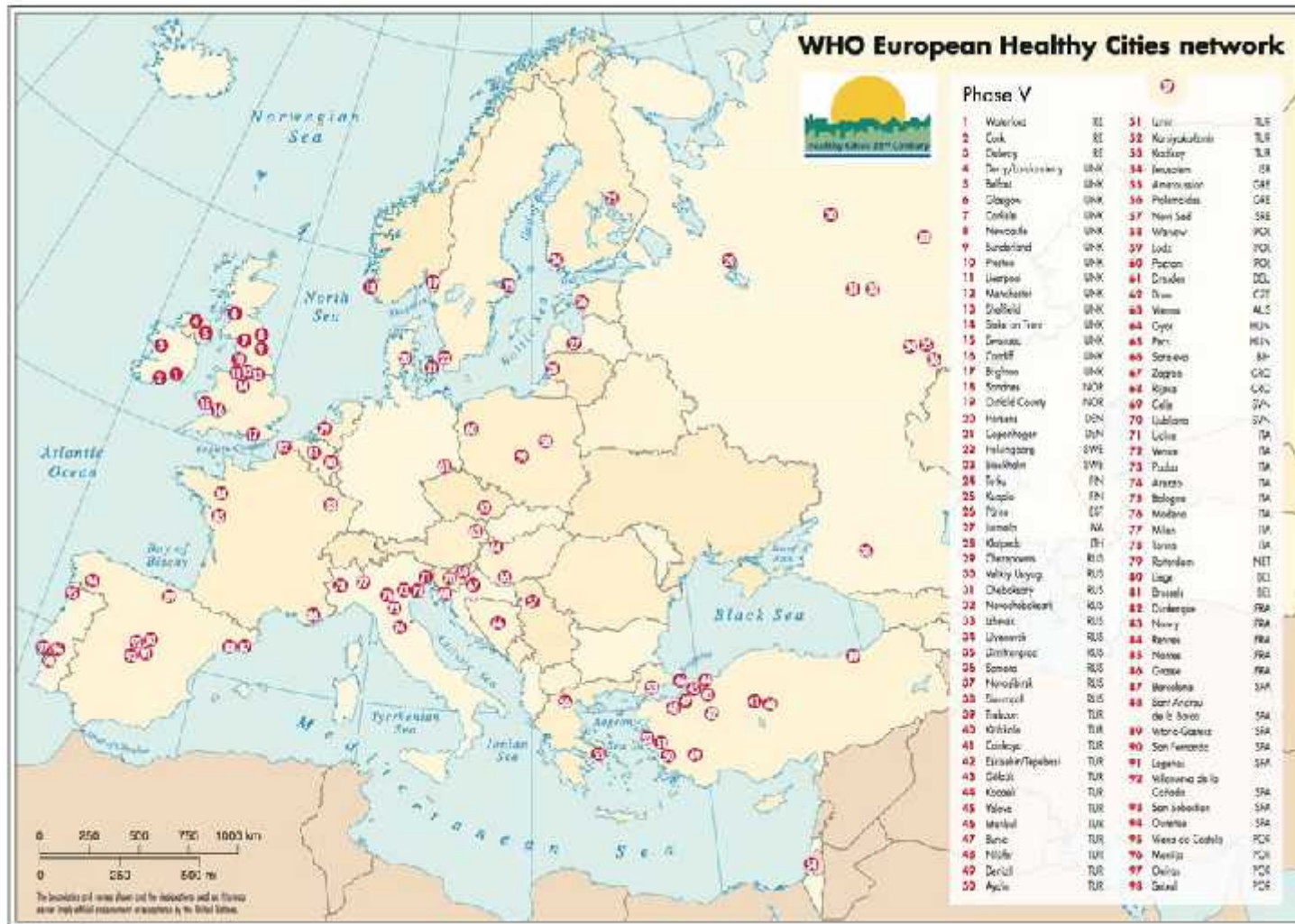


Multimedia library, conference room, children hands-on

- energy management system,
- energy saving light,
- reduce water footprint,
- coibentation,
- floor heating,
- innovative sun heating,
- display for monitoring energy produced.







UDINE joined the Healthy Cities movement in 1995

**HEALTH ENLIGHTENMENT**

WHO European Centre for Urban Health, June 2012

# Core theme Phase IV-VI

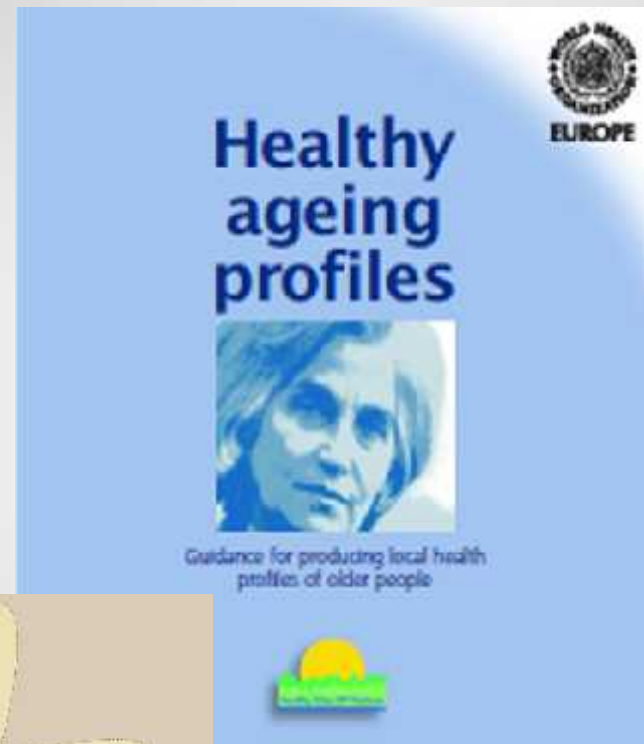
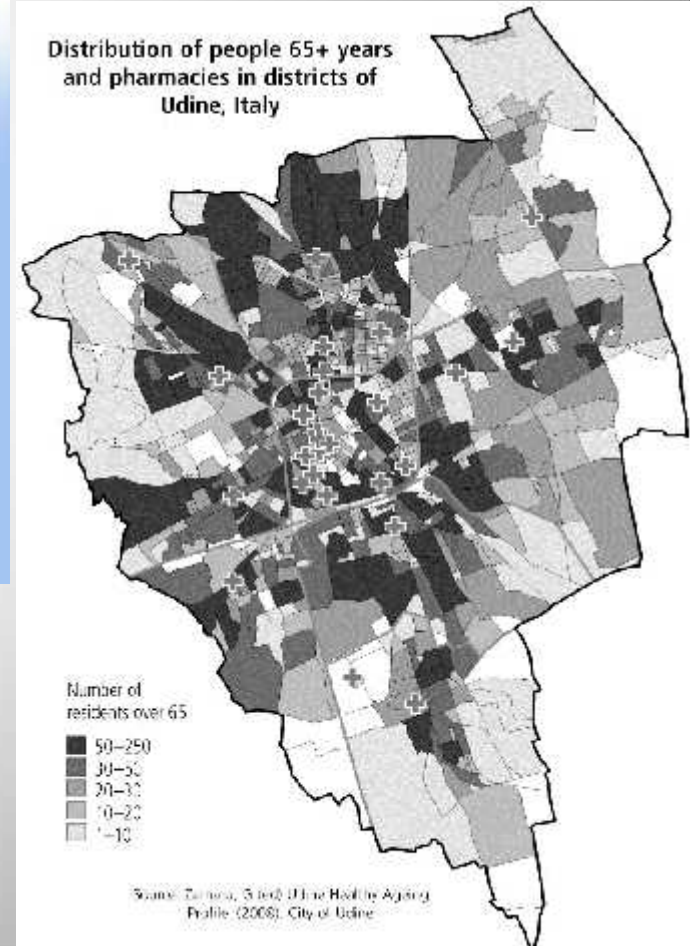
## HEALTHY AGEING

**UDINE**  
The health profile  
of the elderly population



### POPULATION OVER 65 & PHARMACIES

Distribution of people 65+ years  
and pharmacies in districts of  
Udine, Italy



#### AGE-FRIENDLY CITY TOPIC AREAS



# Physical activity for the elderly



- Encouraging healthy lifestyles in adult and old age, to prevent or delay the onset of physical disability
- Offering opportunities of socialization and tackling solitude



# COGNITIVE DECLINE PREVENTION

- Music
- Story telling
- Maths & logic games
- Memory games
- English words in common use
- Cards games
- Calligraphy
- Healthy lifestyles
- Mindfulness



**Move your minds...minds  
on the move**



# INTERGENERATIONAL ACTIVITIES





# HEALTHY & SUSTAINABLE ENVIRONMENTS

“0 km Markets”, green spaces & urban gardens,  
healthy urban planning

