



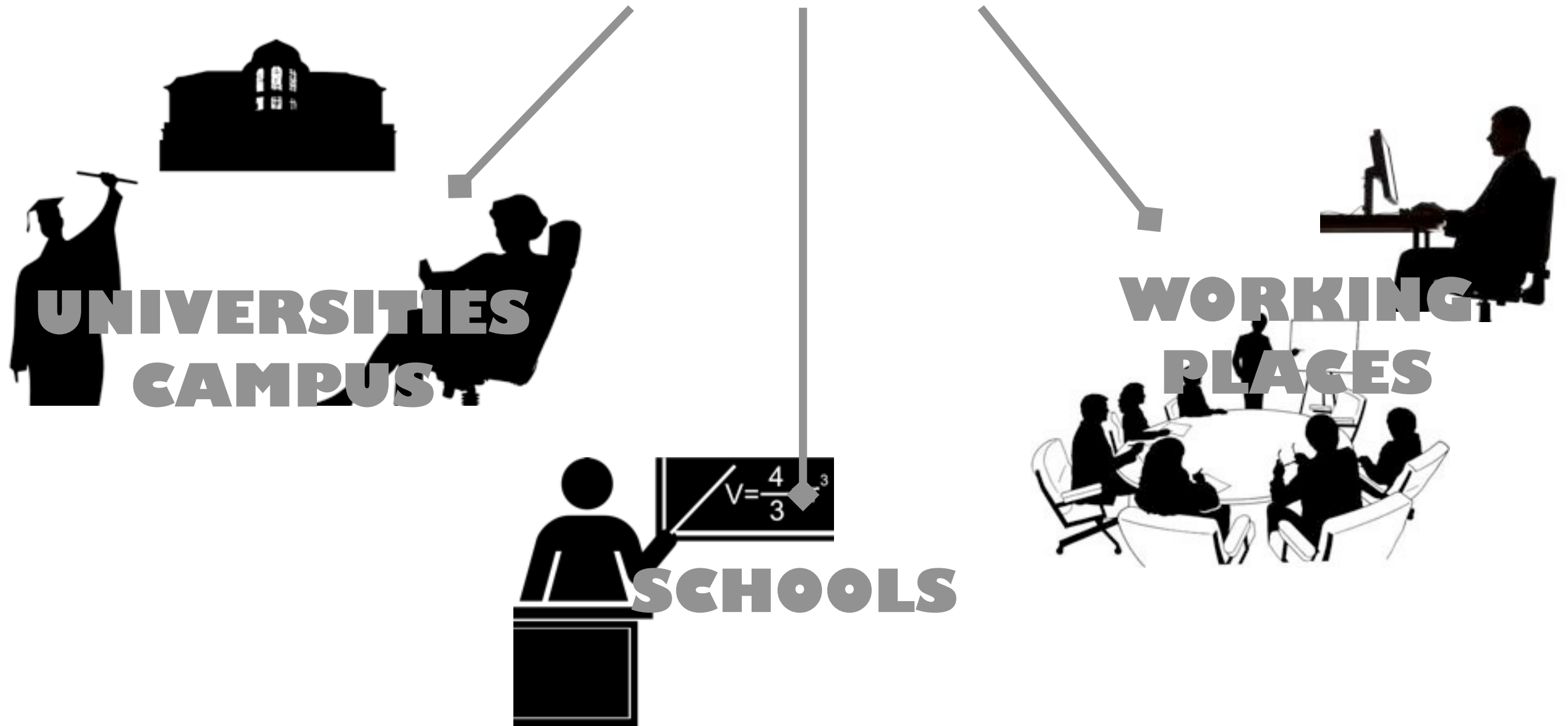
Where's the smartness of learning in smart territories ?

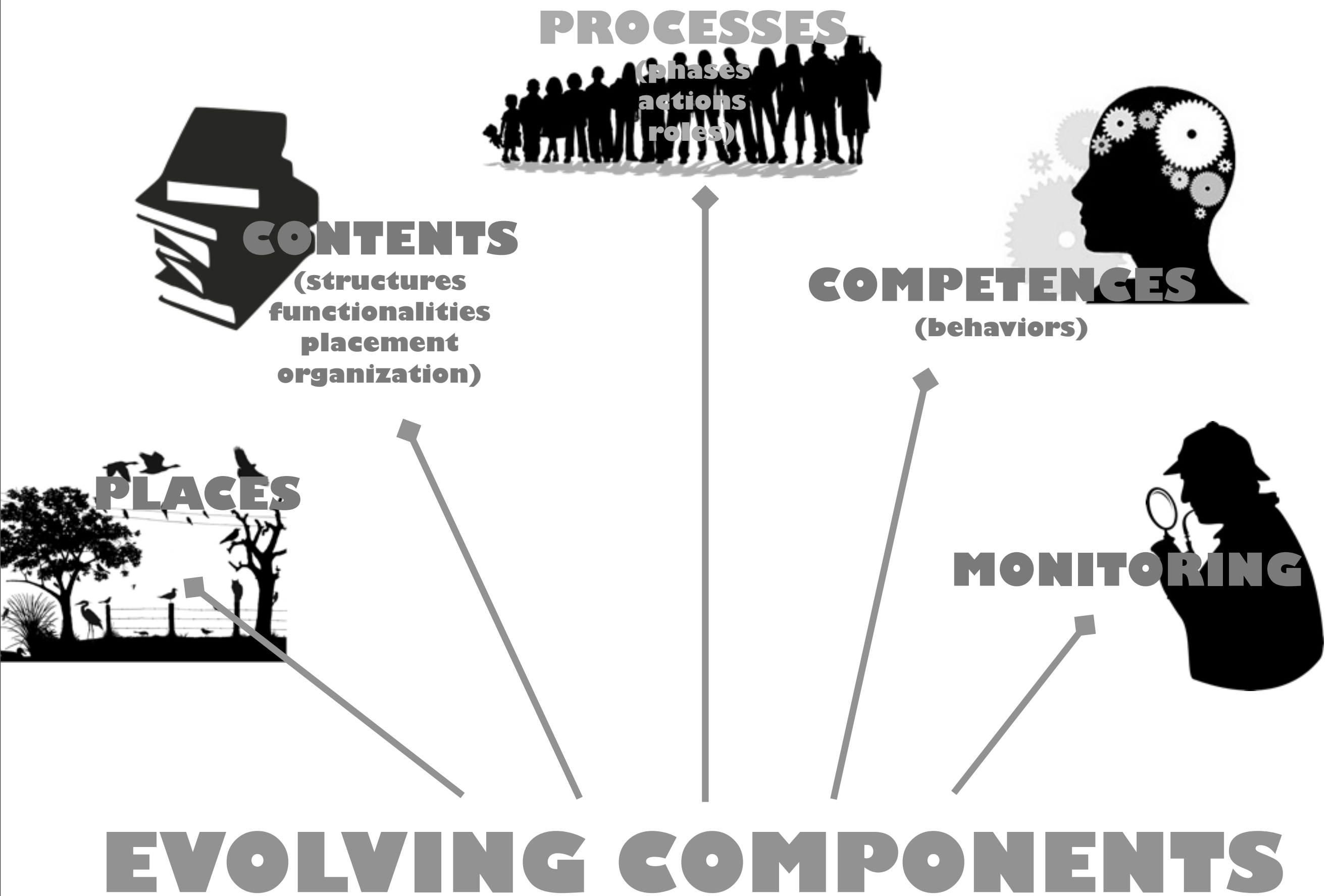


carlo giovannella

CITIES/TERRITORIES

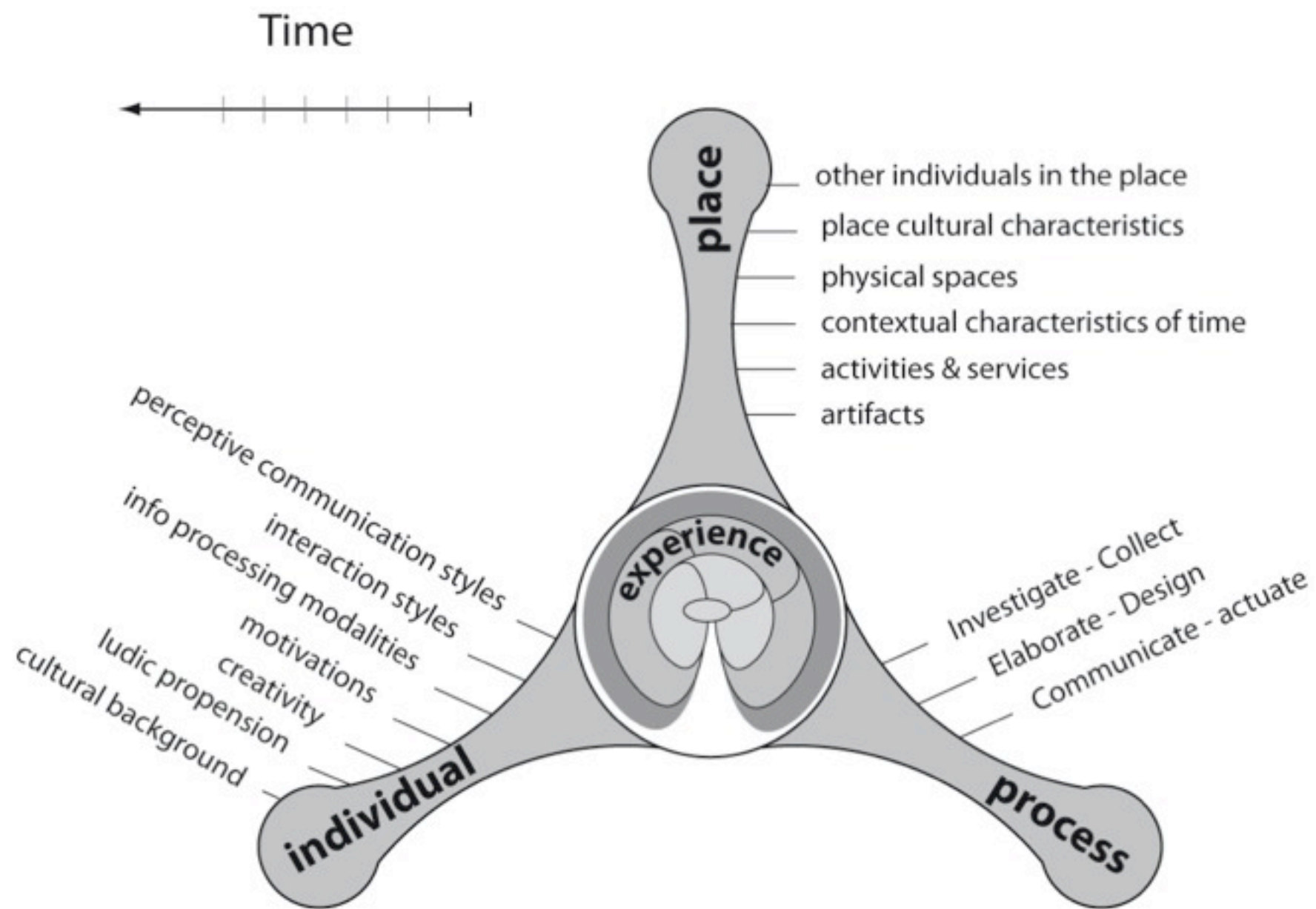
(informal/social learning)



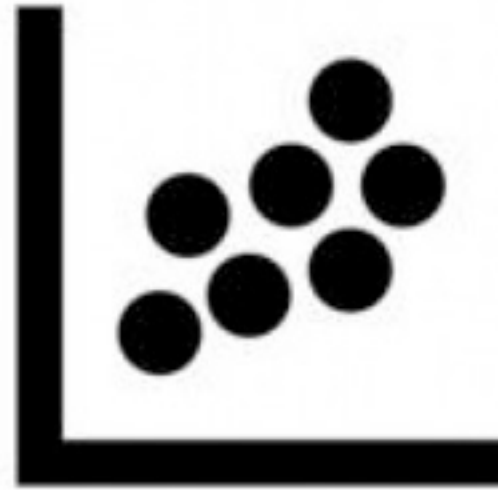




PEOPLE AT CENTER



EXPERIENCE

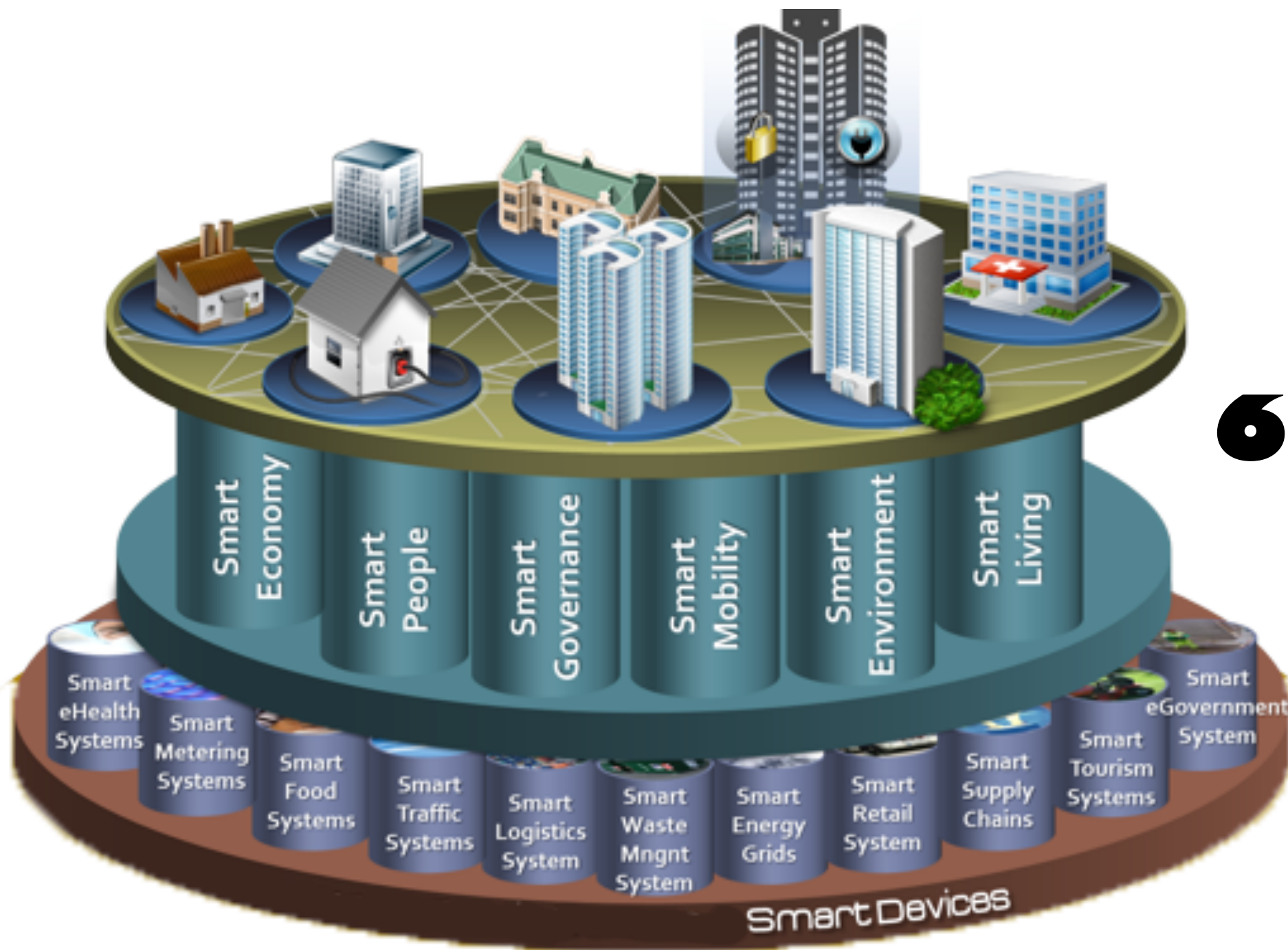


BENCHMARKING

CITIES



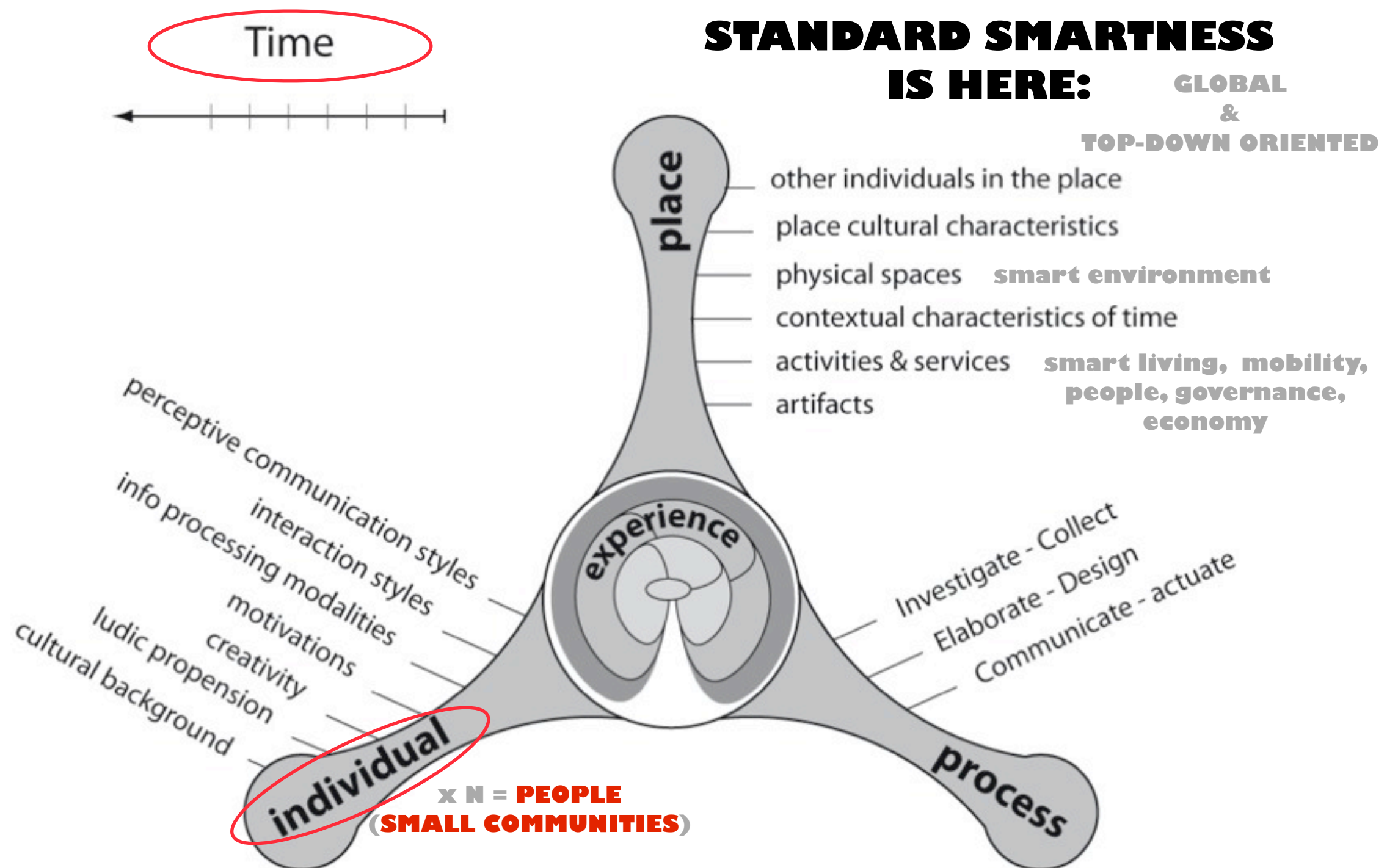
MOST POPULAR APPROACH



6 PILLARS MODEL

TERRITORIAL DEVELOPMENT

NO TIME AND DYNAMICS



NO INDIVIDUALS

EX.: LEARNING & EDUCATION

6 PILLARS

LIVING 7: EDUCATION FACILITIES (STUDENTS PER INH + SATISFACTION WITH ACCESS AND QUALITY IN 2004 ?? - 14%)

DOUBLE-TRIPLE ELIX

LABOUR FORCE WITH ISCED 5 & 6 EDUCATION LEVEL

OTHERS

(SMART CITY INDEX - 9)

PENETRATION OF COMPUTERS & SMARTBOARDS + CLASSROOMS CONNECTED TO INTERNET

(ICITY RATE - ITALIAN 6 PILLARS)

PEOPLE 16: PENETRATION OF COMPUTERS + CLASSROOMS CONNECTED TO INTERNET + NUMBER OF FOREIGNER STUDENTS + ICSED 5 PER 1,000 AGED 25-30

(SMART CITY WHEEL - 6 PILLARS)

PEOPLE 3: 2 1st EDUCATION -> ICSED 5 PER 1,000 INH

PROBLEM: CORRELATIONS

Legenda

Par_2 Eco
Par_3 Peo
Par_4 Gov
Par_5 Mob
Par_6 Env
Par_7 Liv

Par_1	Par_2	Par_3	Par_4	Par_5	Par_6
1	0.4701	0.6662	0.5867	0.0728	0.6607
0.4701	1	0.6963	0.6362	0.1417	0.6727
0.6662	0.6963	1	0.7091	0.3648	0.8211
0.5867	0.6362	0.7091	1	0.1723	0.8093
0.0728	0.1417	0.3648	0.1723	1	0.2345
0.6607	0.6727	0.8211	0.8093	0.2345	1

Economy
Environment
Government
Living
Mobility
People

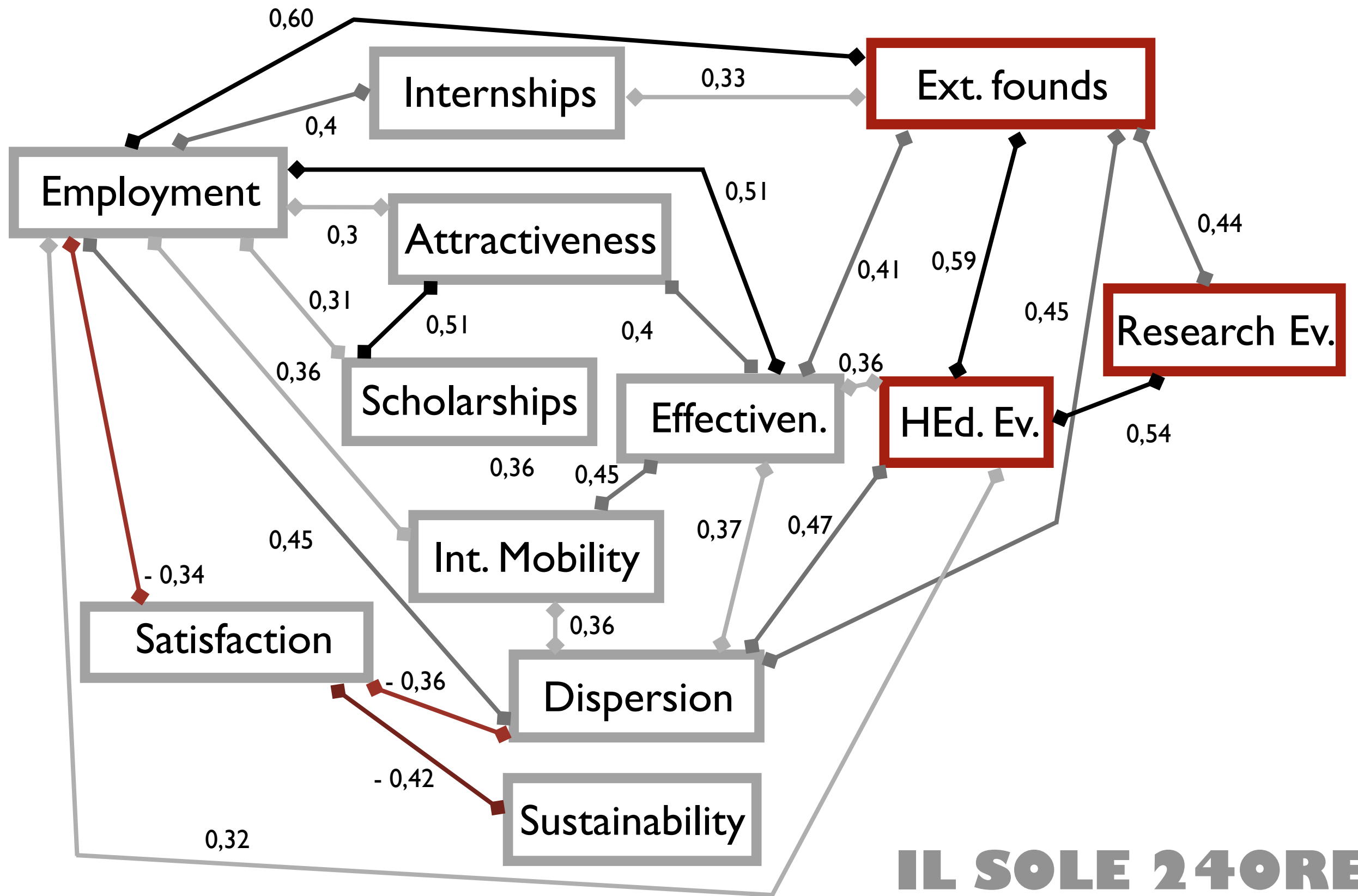
Par_1	Par_2	Par_3	Par_4	Par_5	Par_6
1	0.2036	0.5504	0.5822	0.62	0.5701
0.2036	1	0.3853	0.3753	0.278	0.5823
0.5504	0.3853	1	0.5015	0.6527	0.4915
0.5822	0.3753	0.5015	1	0.5837	0.6826
0.62	0.278	0.6527	0.5837	1	0.5064
0.5701	0.5823	0.4915	0.6826	0.5064	1

i-City rate

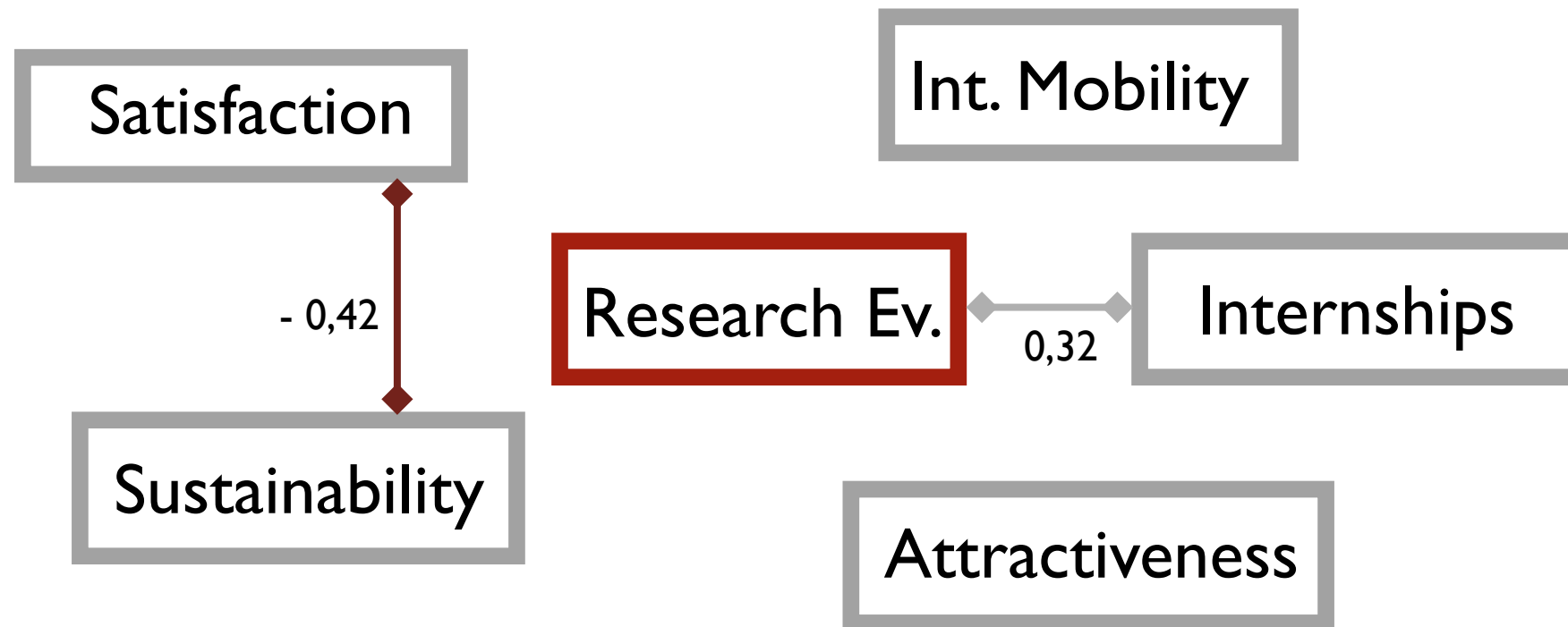




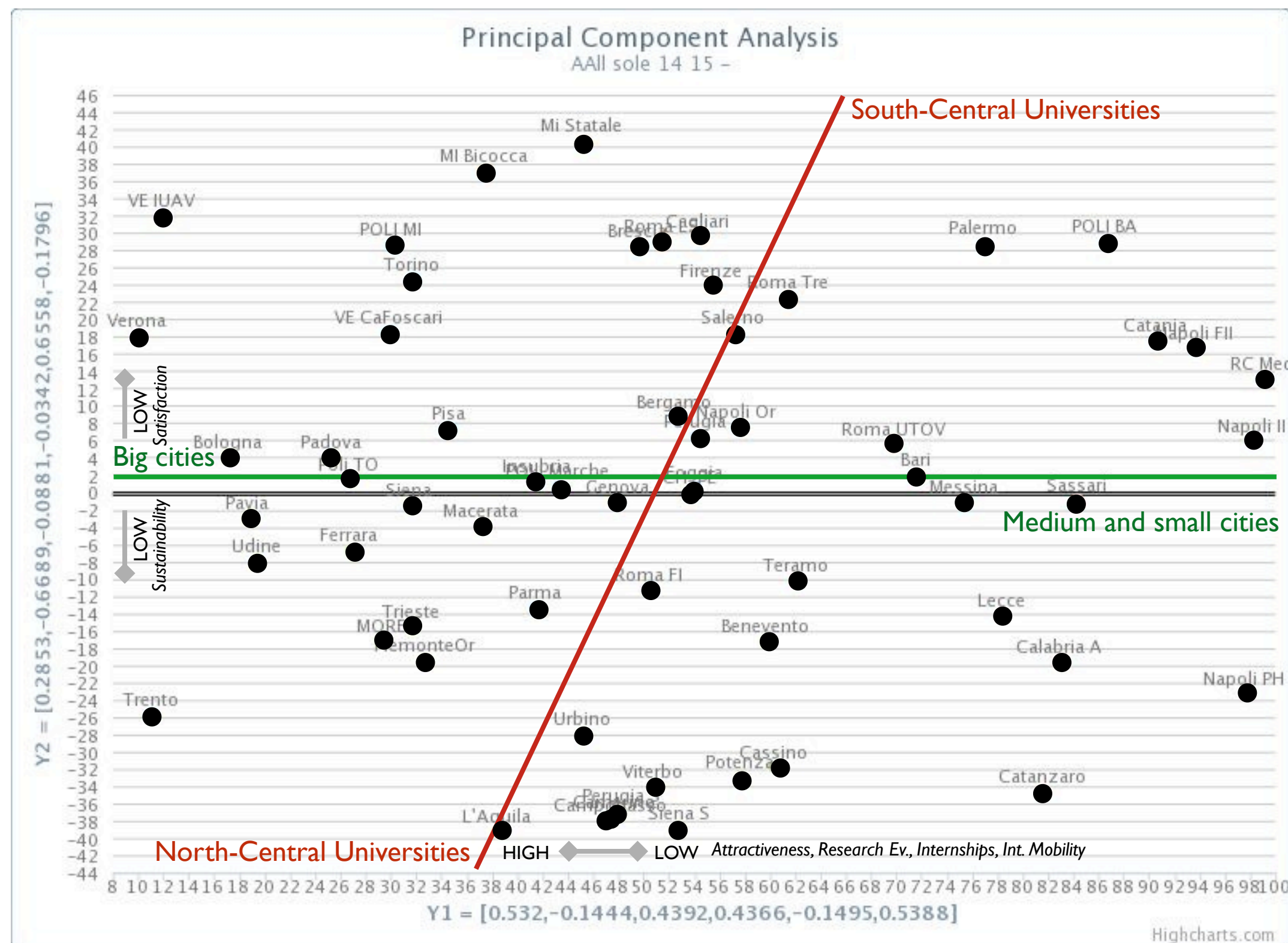
ITALIAN RANKING



IL SOLE 24ORE



REDUCED SPACE

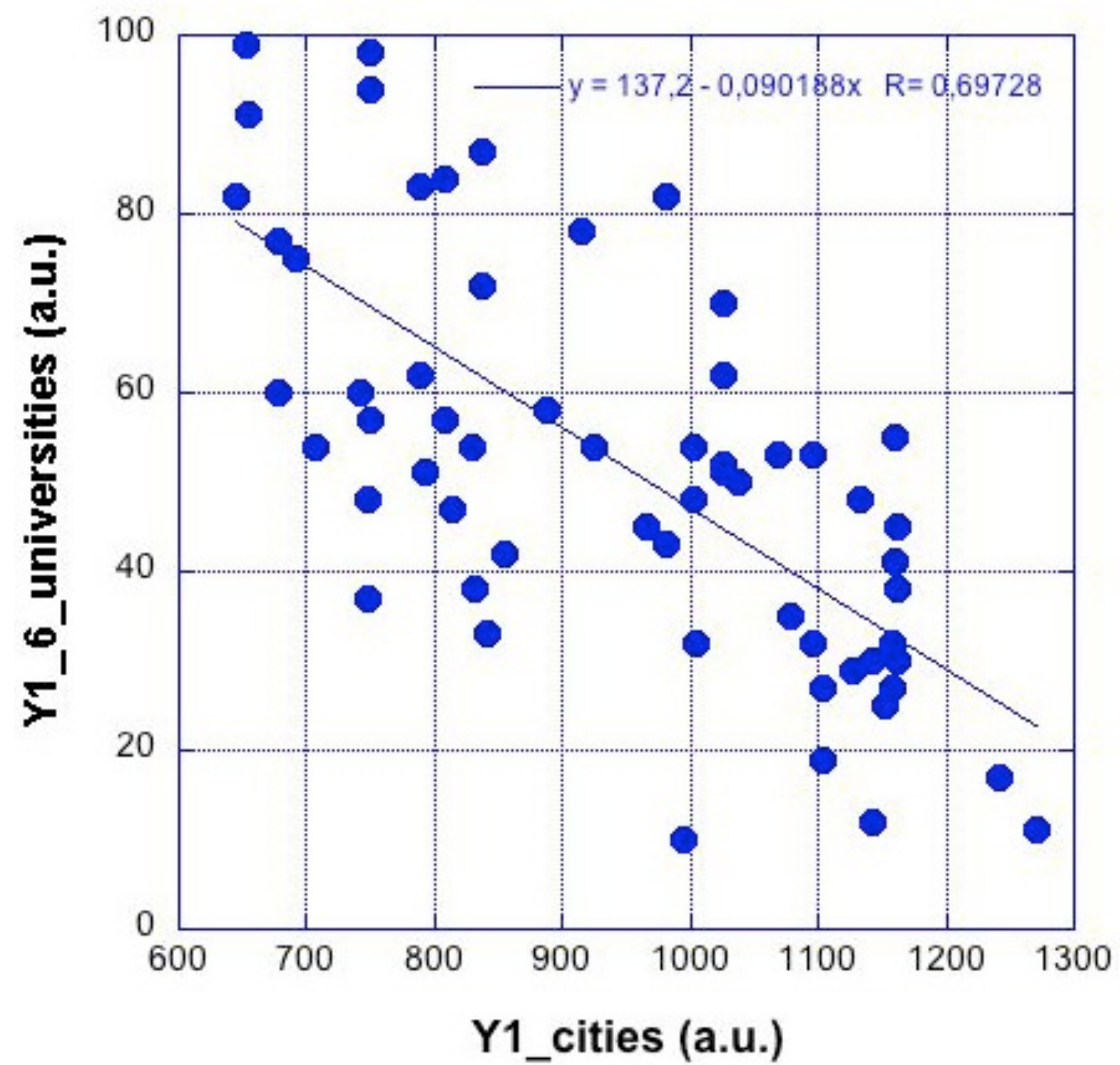


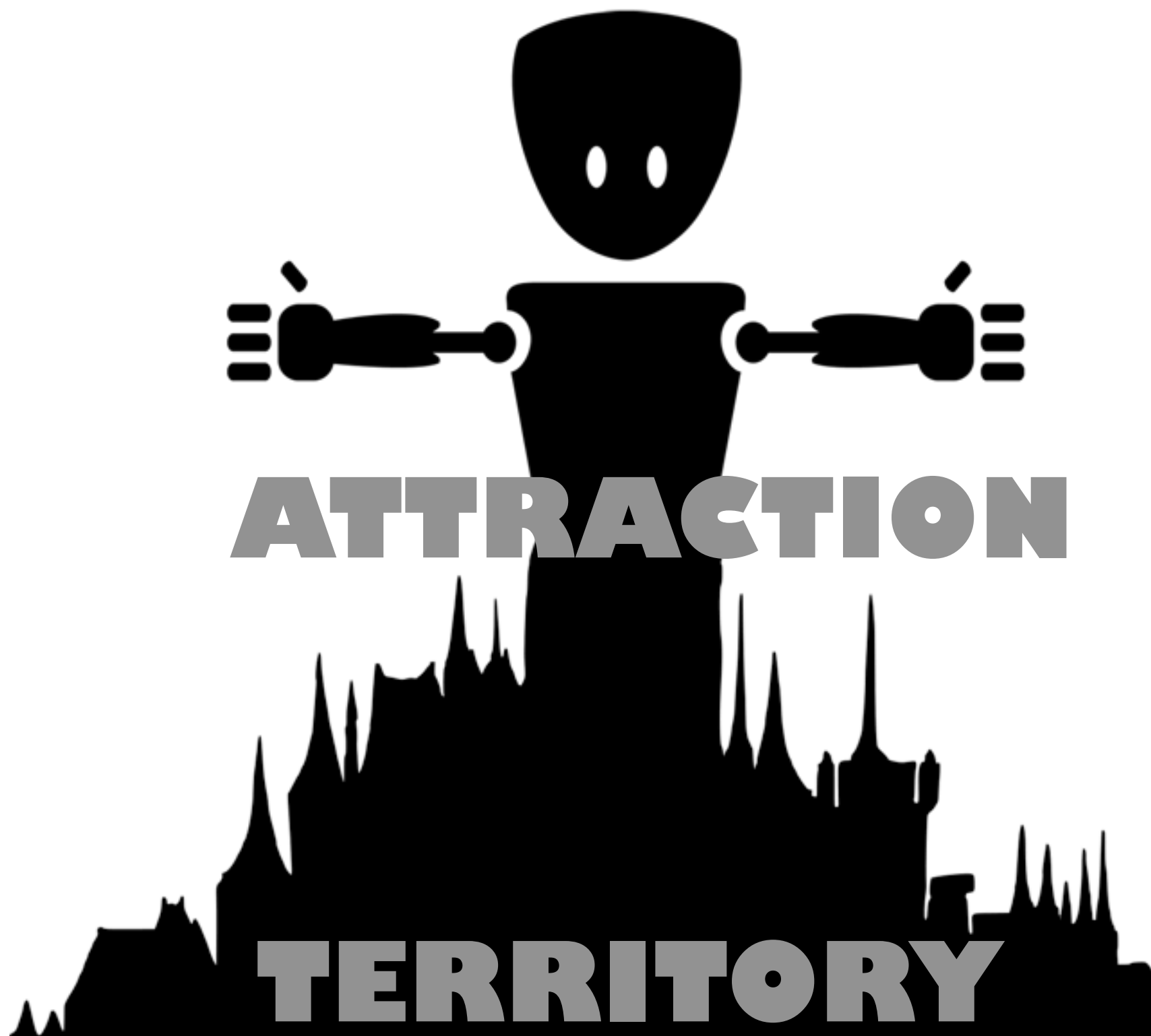


VS

CITIES/TERRITORIES





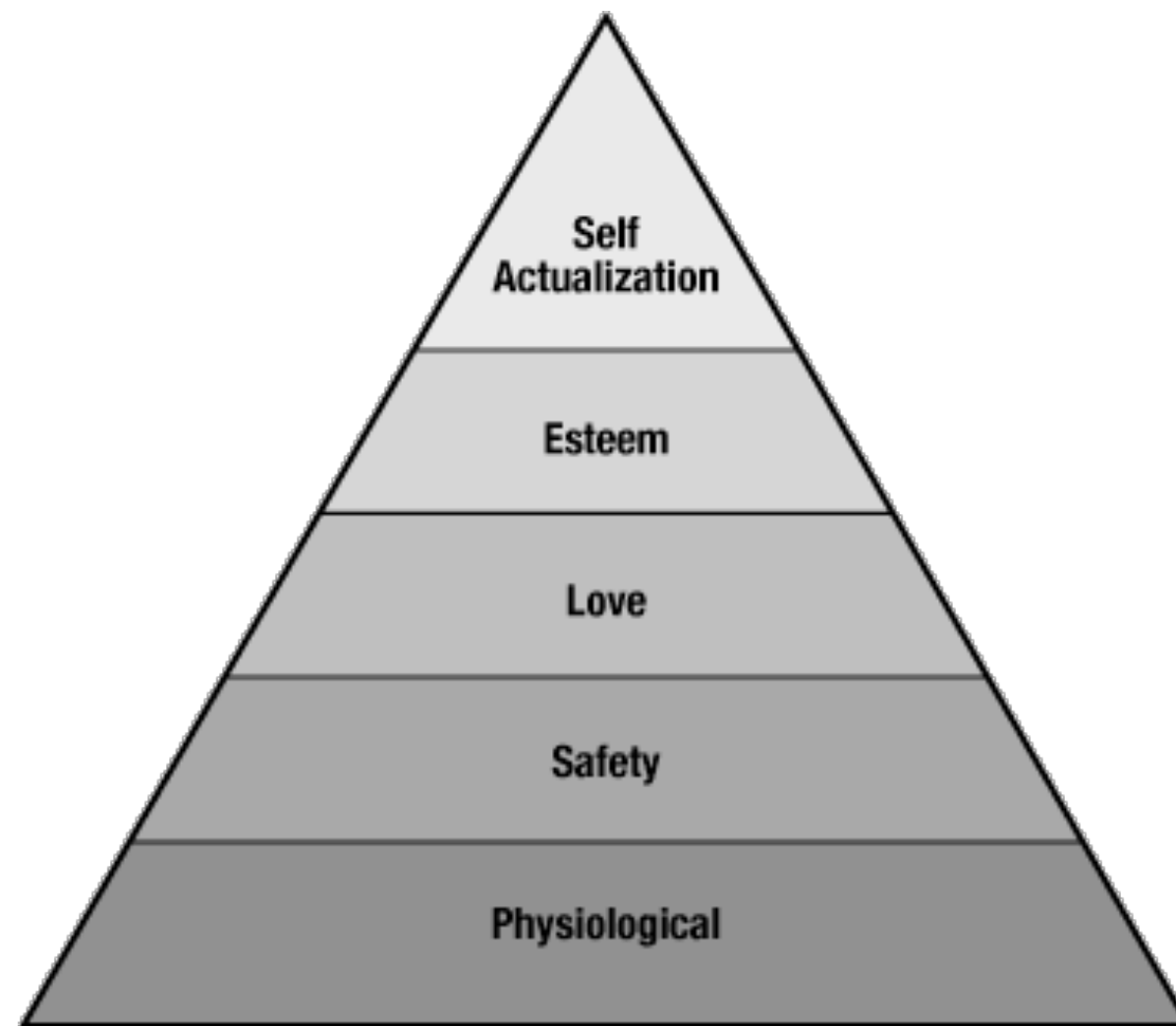




**A SMART CITY IS A CITY
WHERE THE HUMAN CAPITAL
(and more in general people)
OWNS NOT ONLY
A HIGH LEVEL OF SKILLS
BUT IS ALSO
STRONGLY MOTIVATED
BY CONTINUOS AND ADEQUATE
CHALLENGES**

FLOW

PROVIDED THAT PERSONAL NEEDS ARE SATISFIED

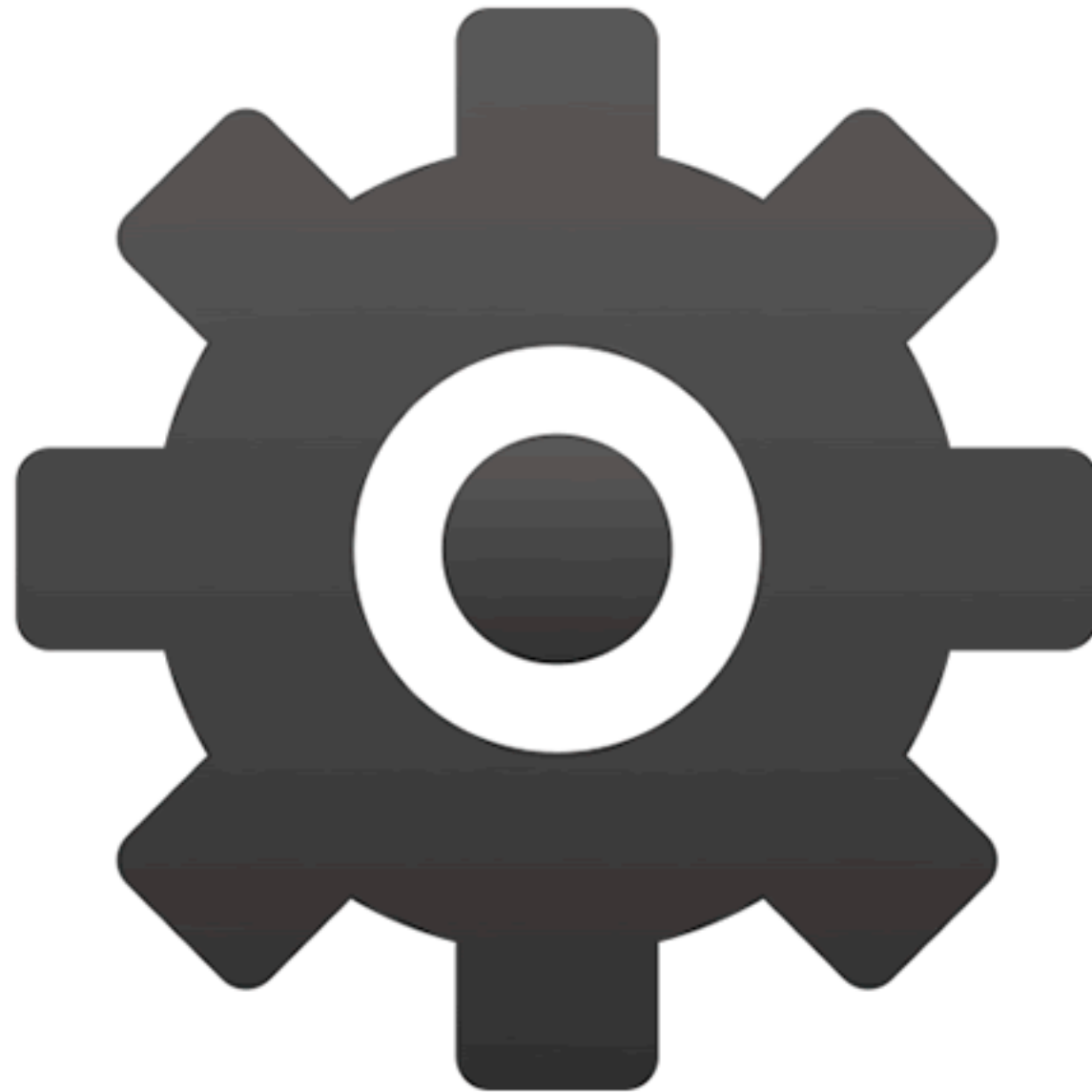




TOP-DOWN

BOTTOM-UP

novel



Smart Cities Analytics