

Free the kids in the intelligent cities

Camille Allaria
Apostolis Pyrgelis
Nicola Bicocchi
Nils Ferrand

... Our vision

Encourage socialization and entertainment



Educating kids



Protect them without promoting fear



Simplify relationships with parents & parents' life

Understanding better kids activities

Learning autonomy by confronting reality and its risks and advantages

Design choices

1. consider an extreme technologist city where everything is controlled



2. consider a city that adapts to the kids' and parents principles

- NB : are all individual principles compatible ?



3. What about a city without technology

- NB : Why not more public services?



Kids ?

Young



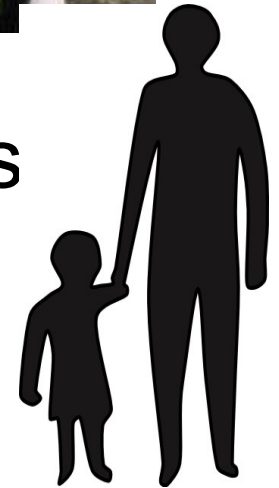
Teenagers



Group



With parents



Activities :

Moving around :
go to school, leisure...

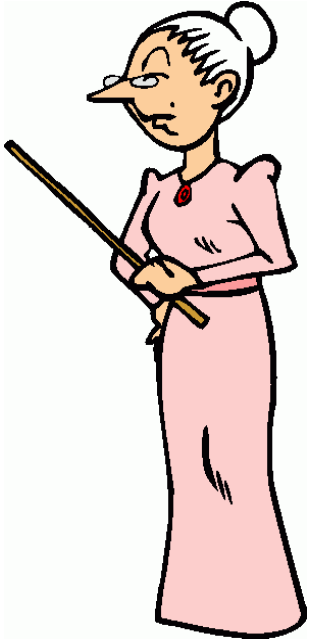
Flirting

Mating,
socializing

Learning

Playing / Have
fun

Parents' Activities with kids :



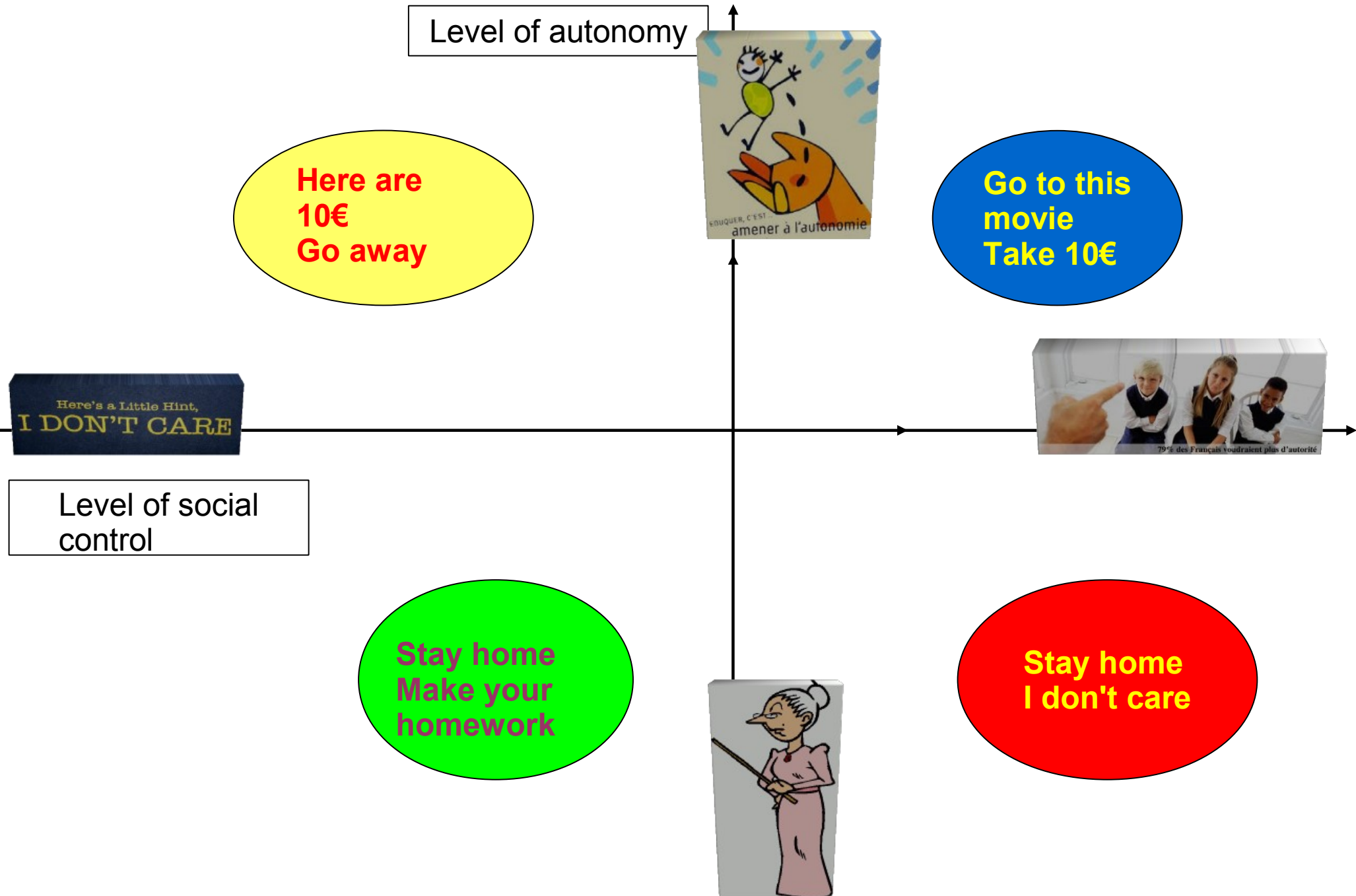
Communicate
Provide fun
Monitor and profile their kids
Drive, control, guide them
Protect, help
Educate
Get rid of
Control relationships



Concepts :

- **Autonomy** : free decision, capacity to decide
- **Control** : state's information, surveillance, sanction
- **Perceived freedom** : choice, information, conscience of choice
- **Protection** : safety, avoiding dangers


Parent's control & protection



Protecting kids : the risks...



WANTED



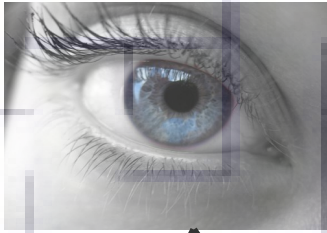
DR JEKYLL ET MR HYDE

NOUS RECHERCHONS UN HOMME DE PETITE TAILLE, MINCE, AVEC DES CHEVEUX MAL COIFFÉS GRIS ET FIN, DES PETITS YEUX MESQUINS, UN GROS NEZ AVEC DE GRANDES NARINES AINSI QUE DES OREILLES APLATIES ET FINES. QUAND VOUS LE VERREZ, VOUS RESSENTIREZ QUELQUE CHOSE DE PAS COMMUN, UNE CHOSE GÊNANTE, CET INDIVIDU EST DANGEREUX, NE LE FRÉQUENTEZ JAMAIS ET SI VOUS LE VOYEZ, CONTACTEZ NOUS LE PLUS RAPIDEMENT POSSIBLE EN APPELANT LE NUMÉRO SUIVANT: 10 12

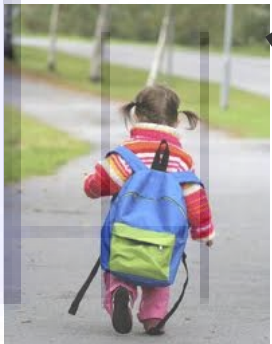
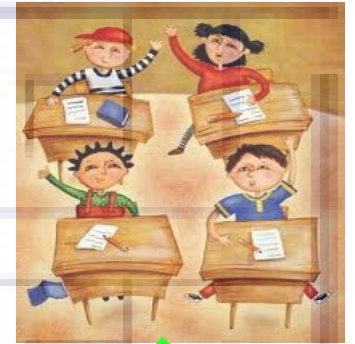
MERCI DE VOTRE COOPÉRATION.



Scenario : Kid goes to school alone



?



Reflection

Relation between information (surveillance) and sanction (visibility of transgression)

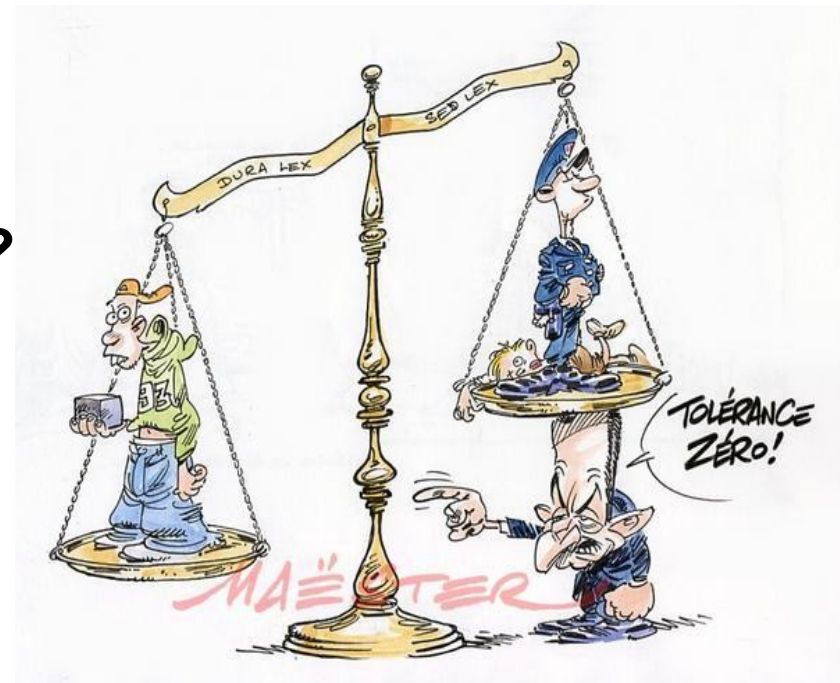
Relation between norm and deviance (*the outsider is an insider for his normative community* (Beker))

Relation between sanction and resistance (emergence of group of resistance / emergence of new norm/anti-norm)

Who are the watchers? (volunteers citizens or Police? => Visibility of the State

Conclusions ?

- *Do we need more control in order to free our kids?*
- *Are Protection and Autonomy compatible?*
- *Are Liberty and Protection compatible?*
- *More technology = More freedom ?*
- *More technology = More protection ?*



Simulation

- Understand the relationship between technology and social implications
- Control eventually reduces risks
- Control eventually reduces perceived freedom and positive deviant aspects

Behaviors

- Normal behavior
- Deviant behavior. Eventually improving:
 - Risk exposure
 - Annoying communications
 - Sanctions
 - Social interactions
 - Fun
- **Smart pervasive social infrastructures should be aimed at minimizing bad consequences while maximizing good ones.**

Past and Futures

