

*Competence model of safe  
mobility*



servèi català de

**Trànsit**

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Plans  
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viària

15 i 16 de maig de 2014  
World Trade Center  
Barcelona



# IMESEVI



Juntos,  
podemos  
salvar millones



Iniciativa M



Consejo Estatal para la  
Prevención de Accidentes



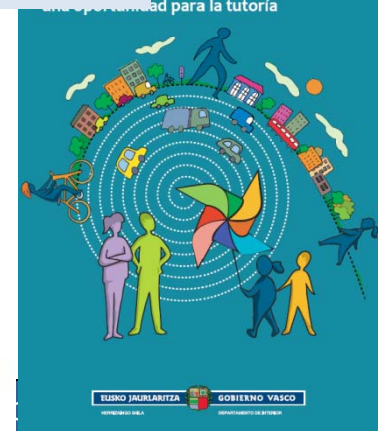
ON THE M

Por unas carre  
más seguras en E

# Iniciatives in road education



para  
segura:  
una oportunidad para la tutoría













# The foundation

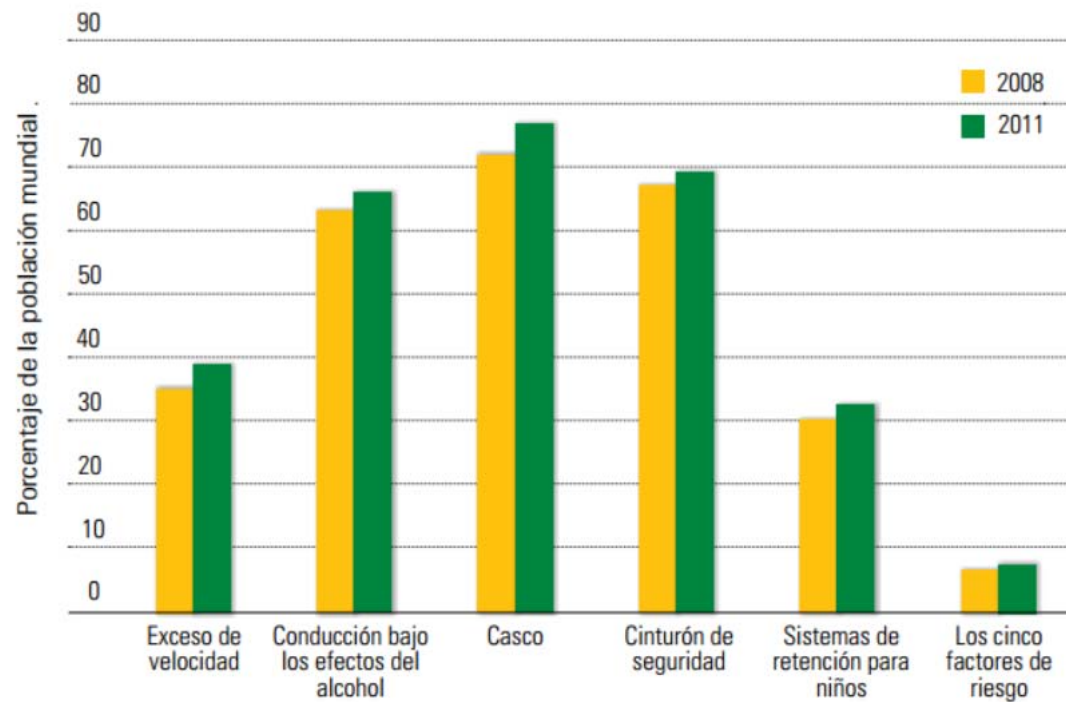


# The five risk factors



Decade of Action for Road Safety (United Nations General Assembly 2010)

**Figura 4.** Porcentaje de la población mundial cubierta por leyes integrales sobre los cinco factores de riesgo fundamentales para la seguridad vial: aumento desde 2008



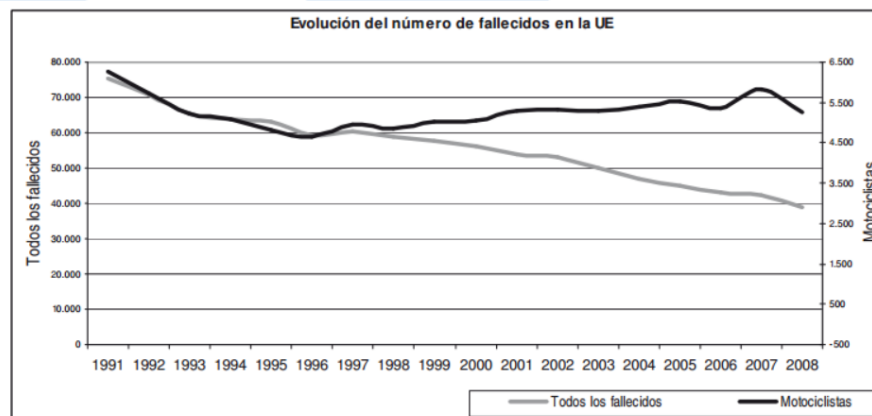
## Improving education and formation of road users

- Education and formation as a global process and long life learning (LLL)

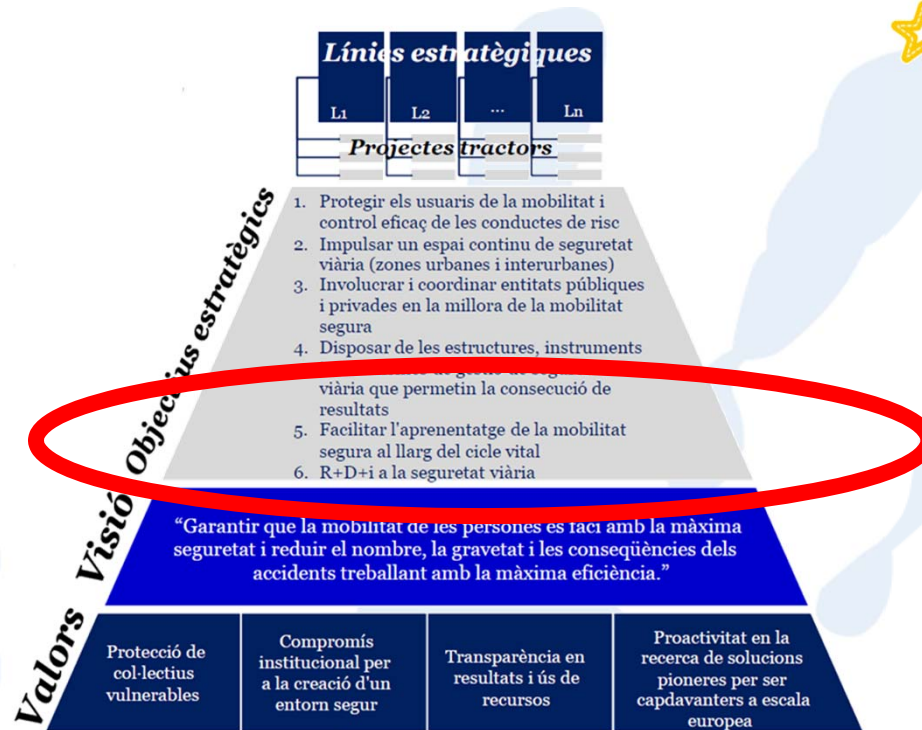


## Protection of vulnerable users

- motorcycle, moped, bicycle drivers and pedestrians
- “Fragile” users (elderly, children, disabled) as well as pedestrians, drivers or passengers,

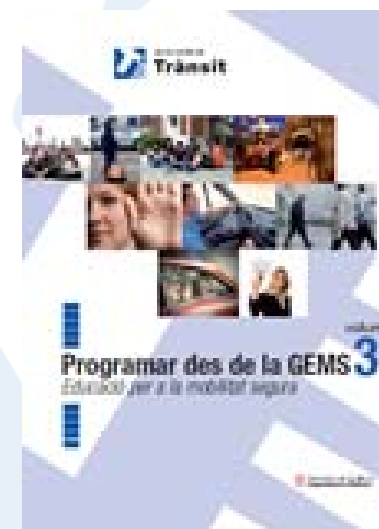
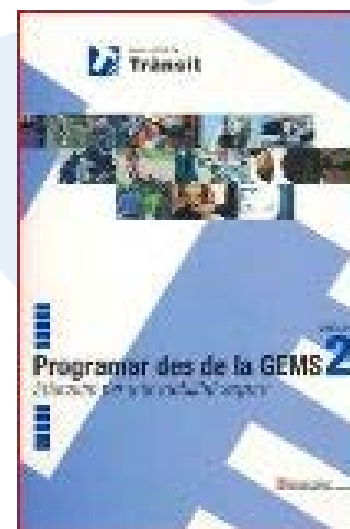






5	Facilitar l'aprenentatge de la mobilitat segura al llarg del cicle vital	5.1 Desplegament i promoció d'un currículum de mobilitat segura que acompanyi les persones en la seva trajectòria com a usuaris de la mobilitat	5.1.1 Potenciació de l'educació per a la mobilitat segura i altres mesures de prevenció del risc de trànsit mitjançant la participació dels centres educatius
			5.1.2 Assegurar la formació en seguretat viària com a prevenció de riscos laborals <i>in mision</i> i <i>in itinere</i>
			5.1.3 Impuls d'un model de valors i competències d'educació per a la mobilitat segura
		5.2 Disseny d'estratègies de comunicació que fomentin una cultura de la seguretat viària	5.2.1 Realitzar campanyes de comunicació sobre factors de risc (velocitat, alcohol/drogues i sistemes de seguretat passiva) en paral·lel a les accions de vigilància i control
			5.2.2 Mantenir accions de sensibilització per generar una opinió favorable a la seguretat viària
			5.2.3 Desenvolupar una política de transparència en relació amb les polítiques de seguretat viària executades i els resultats aconseguits
		5.3 Millora de les competències dels conductors	5.3.1 Impuls de les mesures per potenciar que els conductors tinguin les competències necessàries per conduir i circular amb seguretat
			5.3.2 Creació i desenvolupament de processos perquè les persones que presenten factors o conductes de risc no provoquin accidents de trànsit

# History





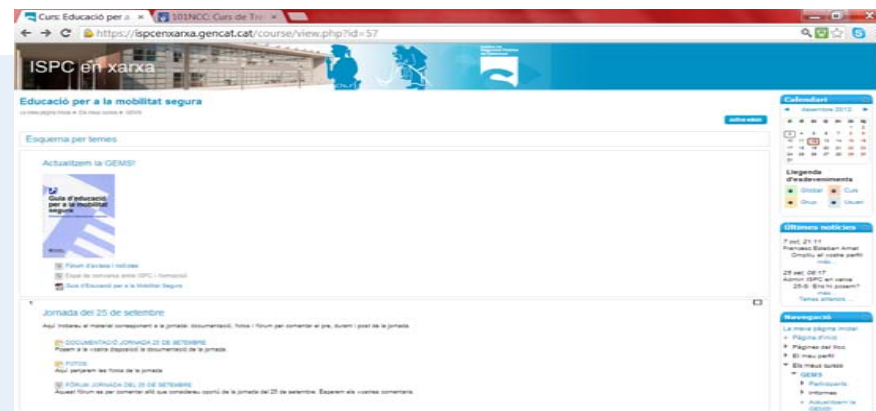
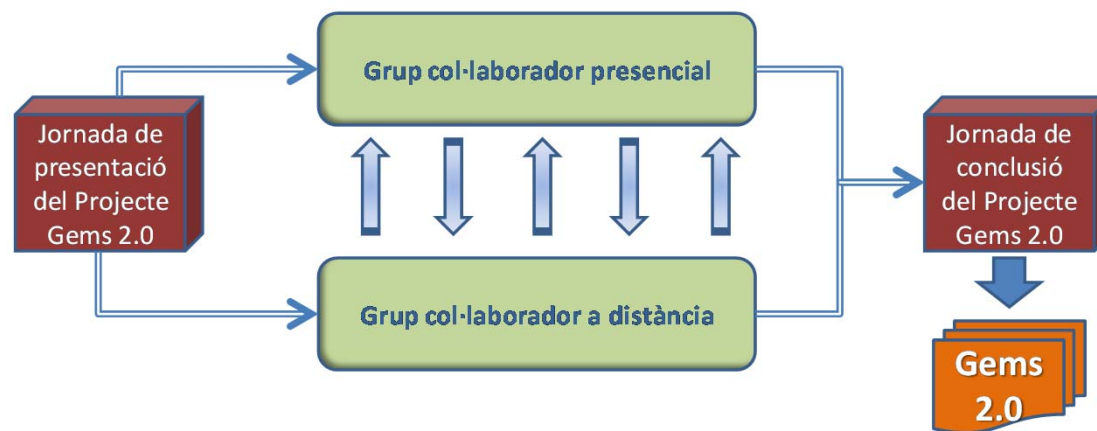


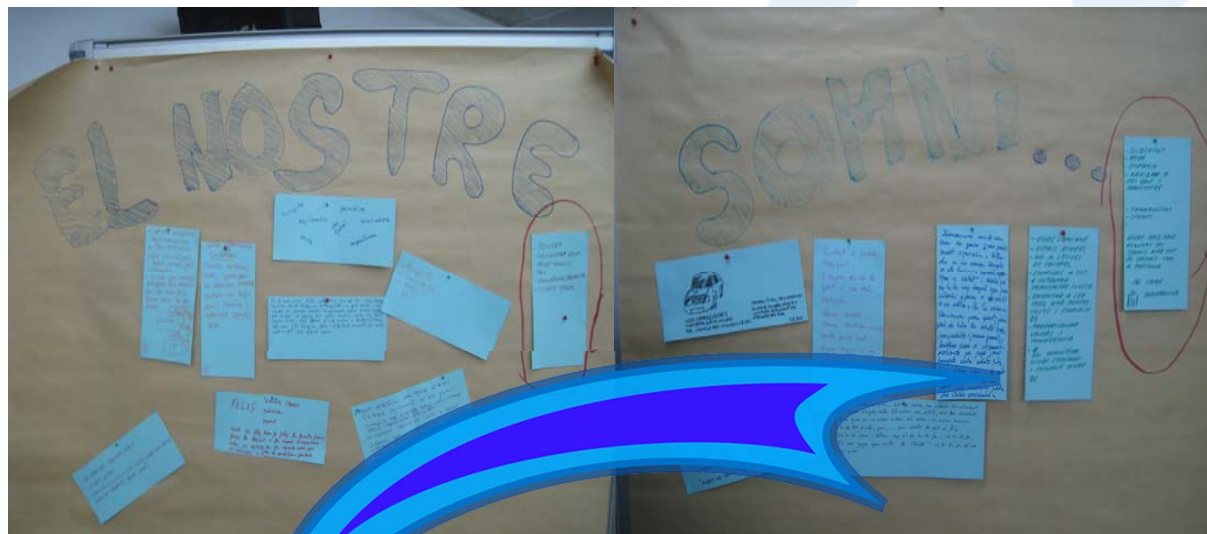


iPhone 5

Lo más grande que te ha pasado  
al iPhone desde el iPhone.







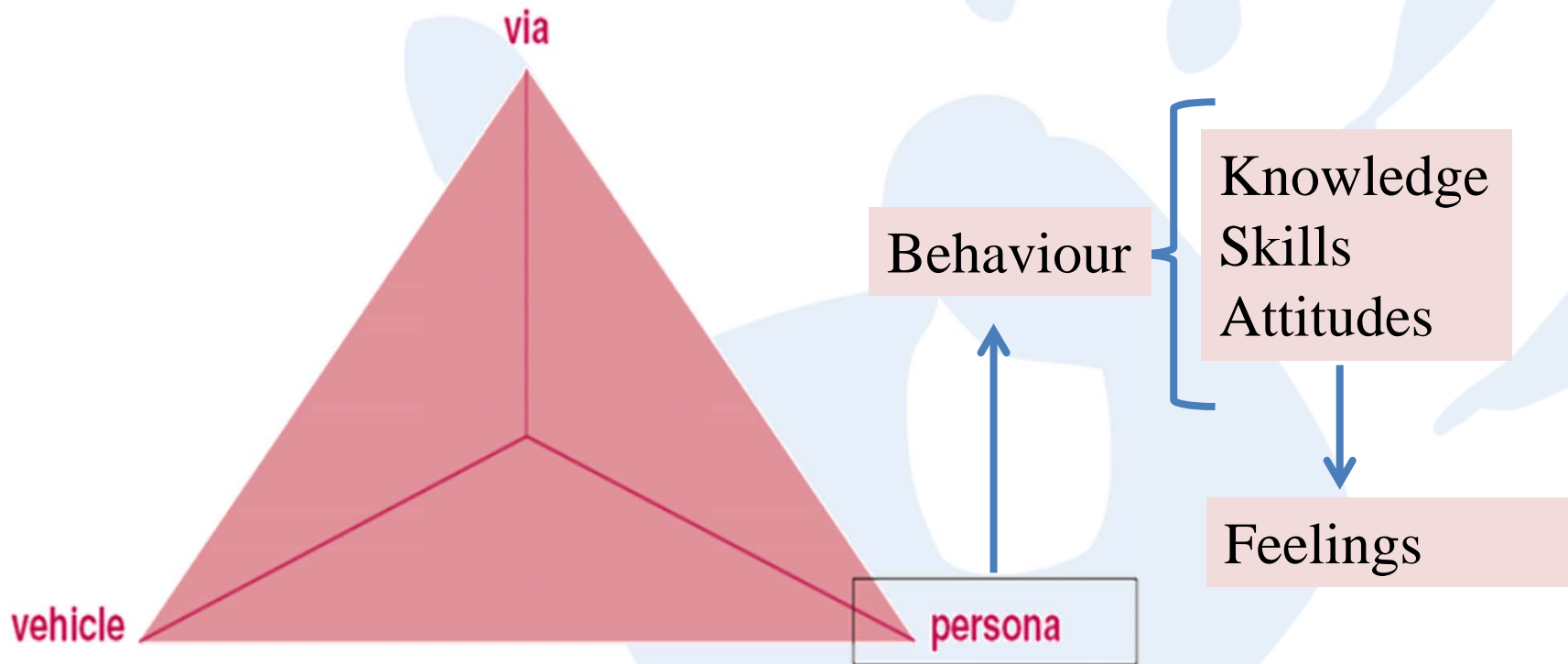






# SAFE MOBILITY COMPETENCES: A PREVENTION MODEL FOCUSING ON PEOPLE

# Focused on people







# Age?

- Long Life Learning (LLL)
- Not focused on age but on progress



# Drivers?

- We don't all drive, but we all "behave", we are responsible for what we do





# Prevention

- Prevention as anticipation
- Avoiding or minimizing
- Primary or secondary

How do you learn to “prevent”?



# Safe mobility



- Both in rural and urban areas



- There cannot be sustainable mobility without safe mobility



# Competence?





# What does “being competent” mean?

- In-competent



- **INCOMPETENCE:**
- Lack of competence or jurisdiction
- Inability to effectively solve something

# Where are competences used?

- **EDUCATION**

- School: basic competences
- Vocational training: key competences
- University: Bologna

- **WORK SPHERE**

- Human Resources departments
- Occupational hazards

- **SOCIAL SPHERE**

- Plans for social integration
- ...



# Competence

- Functions, tasks and roles of a professional **-incumbency-** for developing his work adequately and suitably **-sufficiency-** that are the result of, and subject to, a process of training and qualification.



(Tejada, 1999)



# What a competence is

McClelland, 1973,

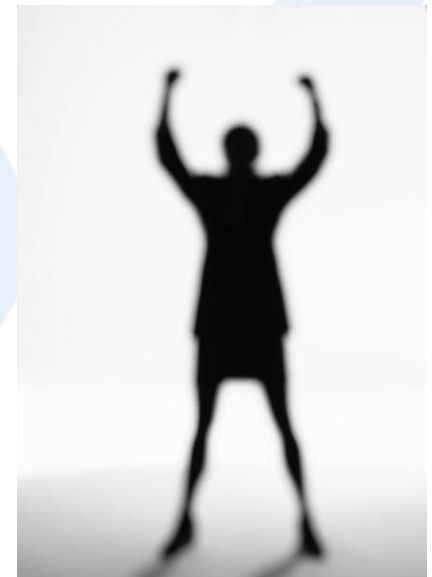
Competence as

*“that which really  
produces a higher  
performance at work”*



## A competence...

- Is a **concept**
- With which we term a set of **interrelated behaviours**
- That are responsible for an **excellent result** in developing the workplace.
- That cannot be identified with attributes or internal dispositions of a person



# BEING COMPETENT IS...

Having the ability to implement knowledge, skills and personal attitudes acquired, in an integrated way, in various contexts and situations.





# Competences for safe mobility



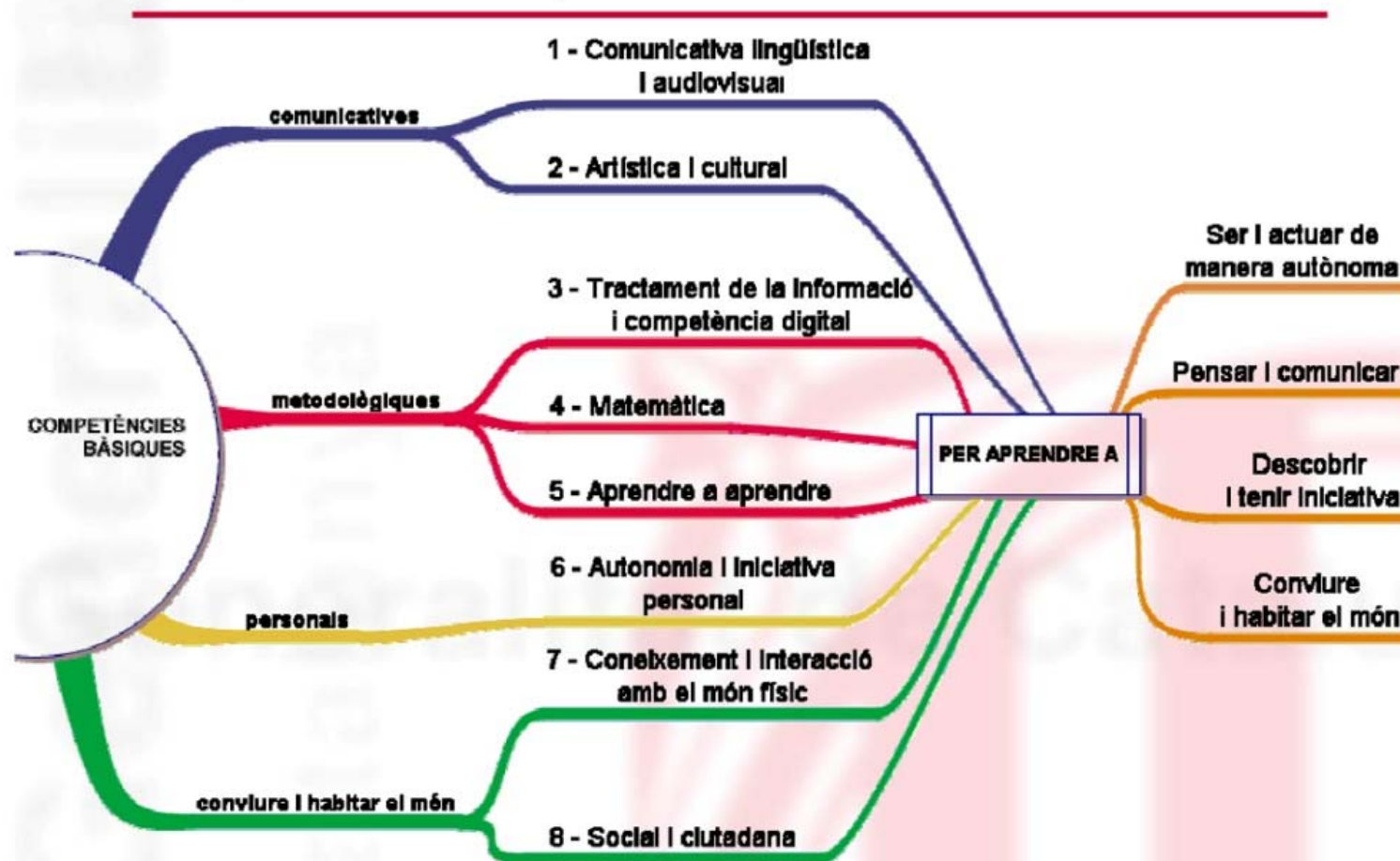
There are still not many models of road education articulated by competences



Social competence?  
System of competences?

# Schools competences

## Competències bàsiques



# Values

SAFETY OF PEOPLE

PREVENTION

Protecting



RESPONSIBILITY



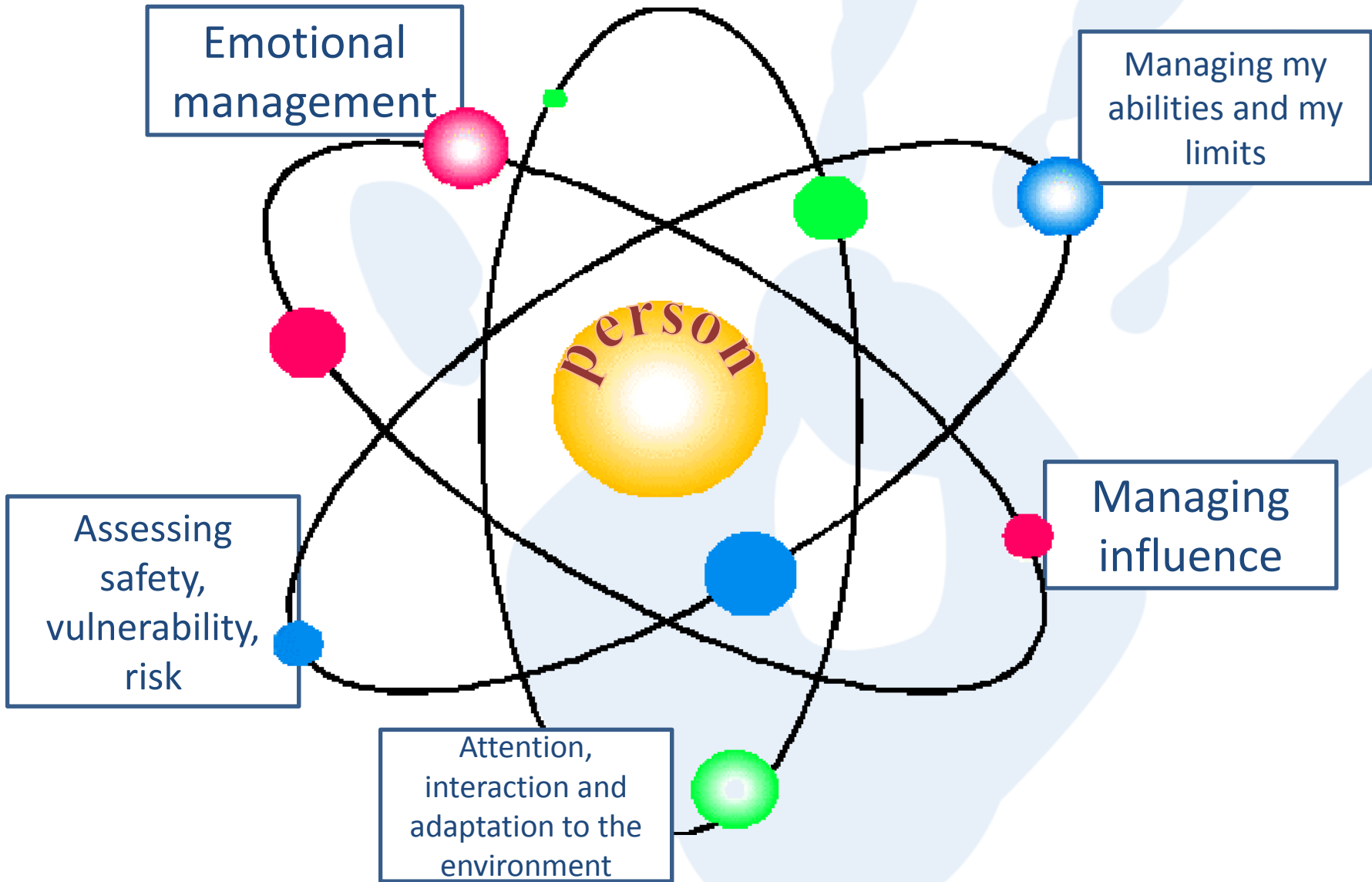
*Being  
conscious  
of oneself*

*Being  
conscious  
of others*

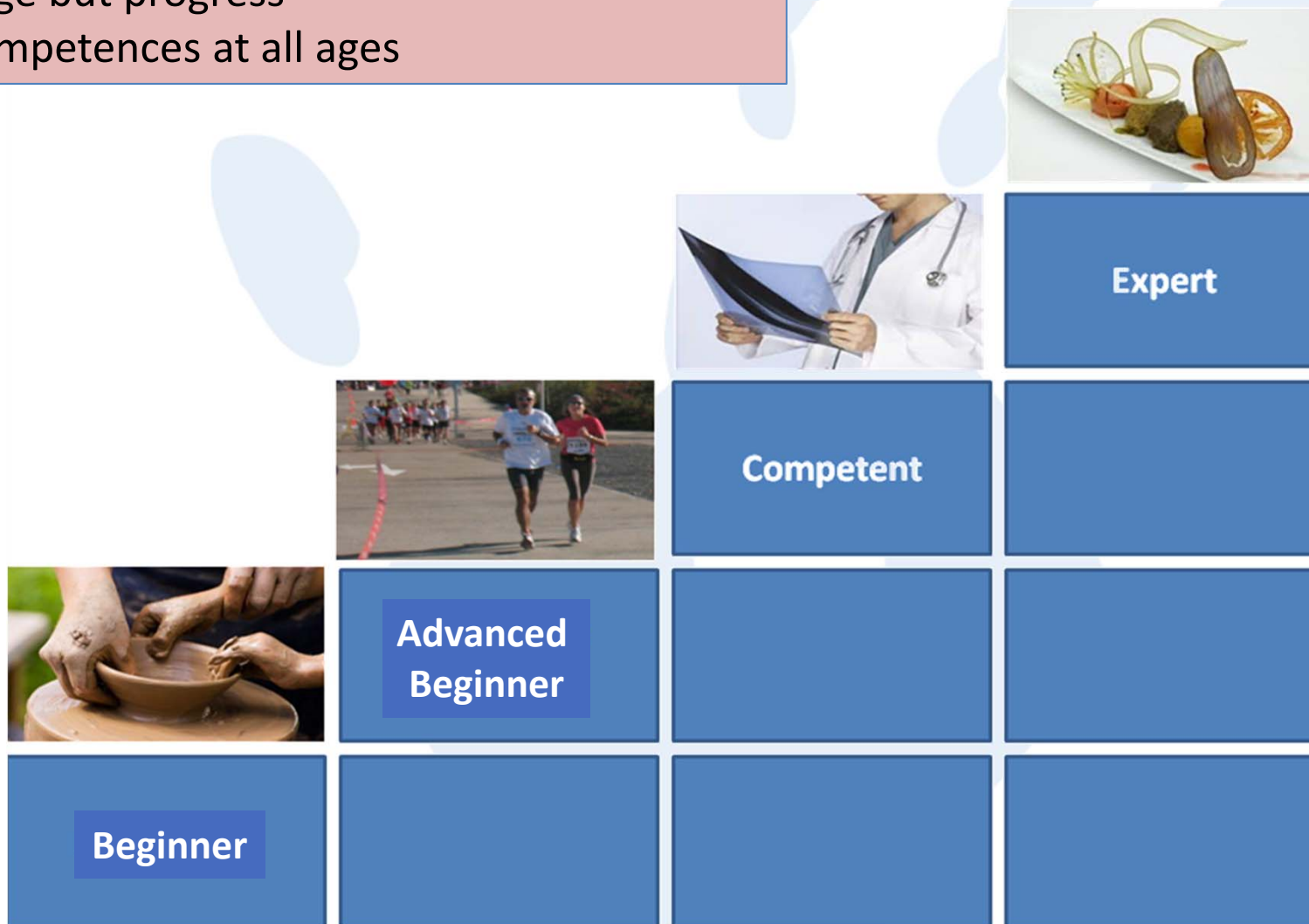
Living  
together



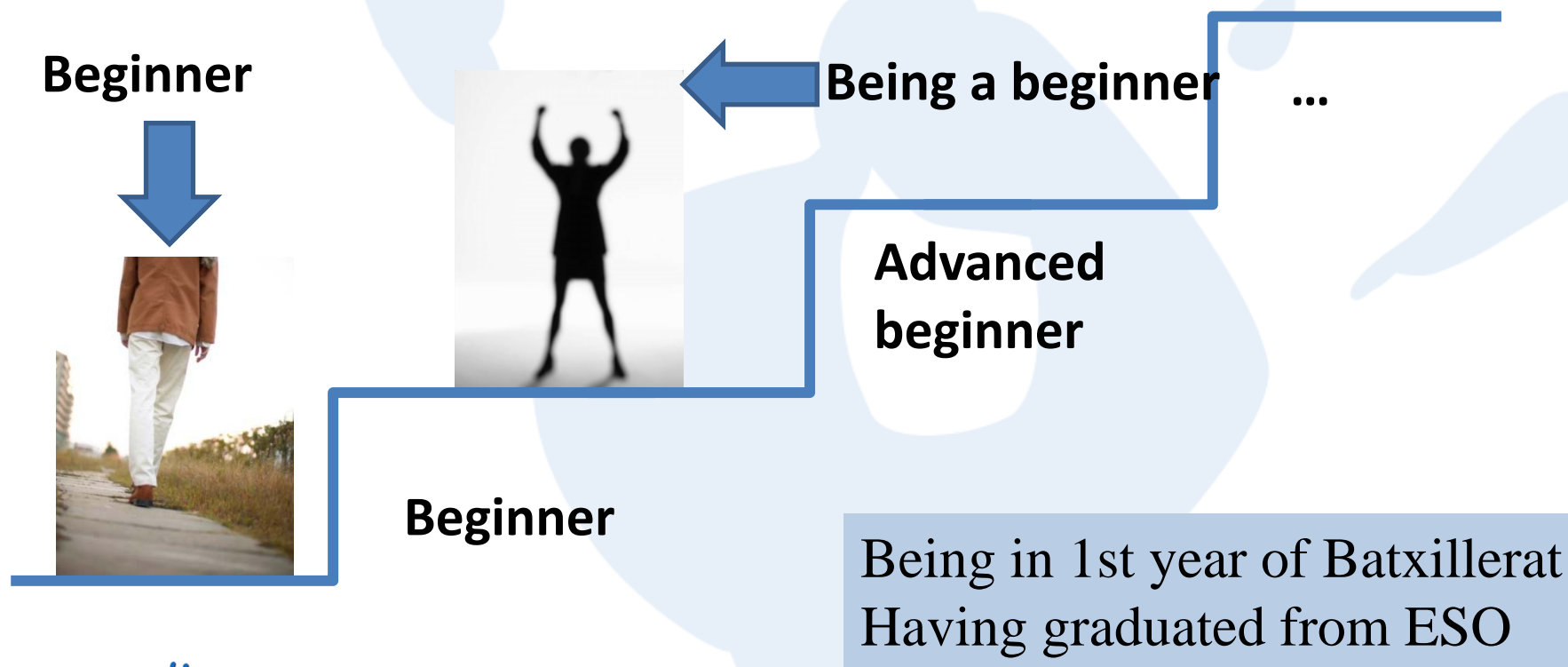
# Competences



- Not age but progress
- All competences at all ages



# Competence levels







JA ET VAIG DIR  
QUE AQUESTA PISTA  
NEGRA ERA MOLT  
DIFÍCIL, PERÒ ARA  
NO TENS MÉS  
REMEI



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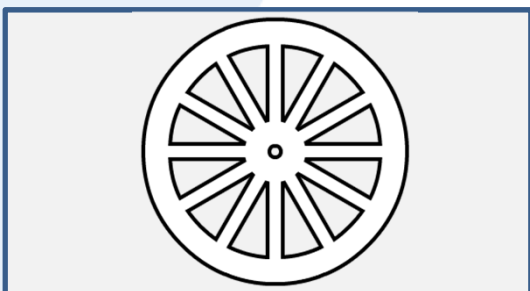
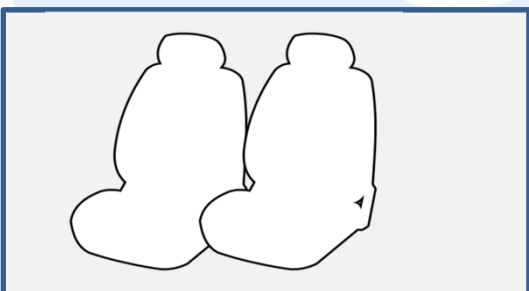
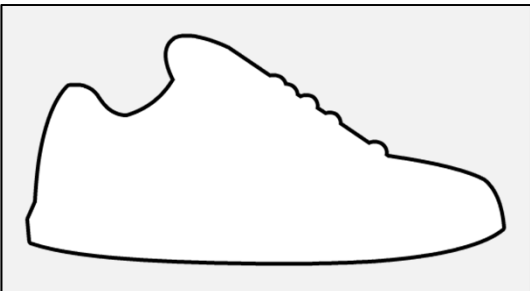
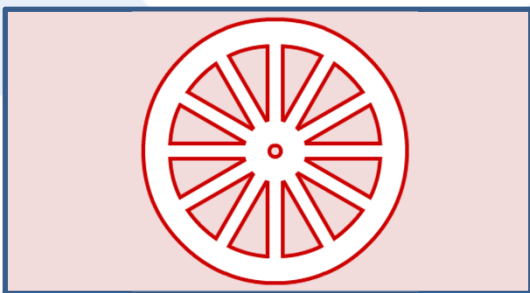
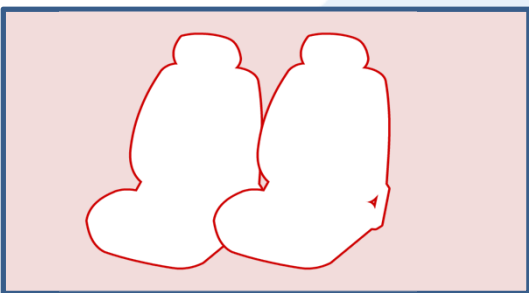
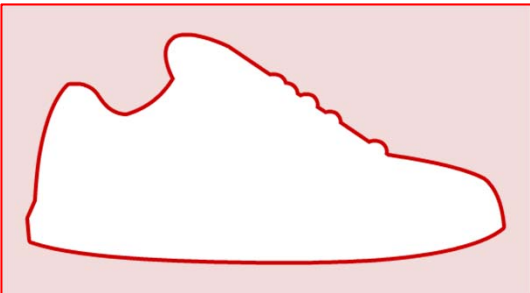
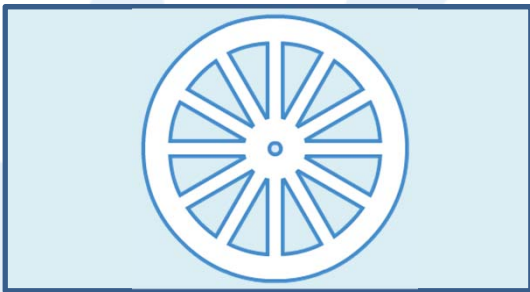
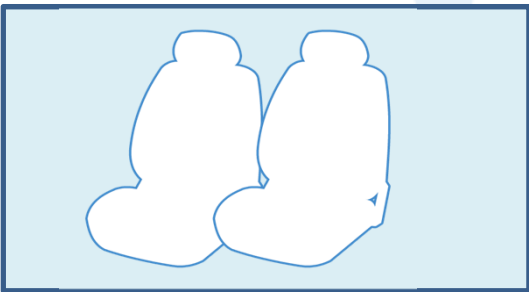
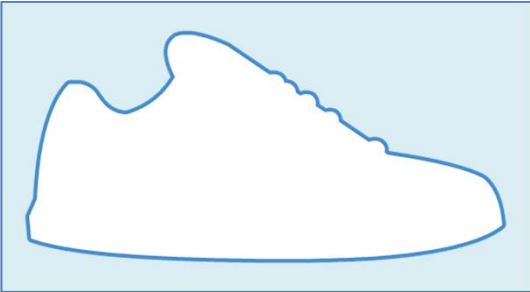
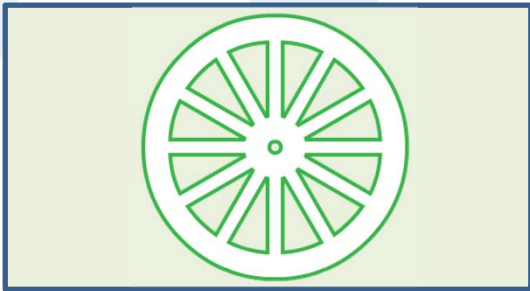
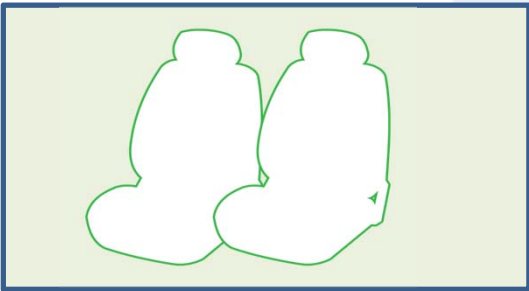


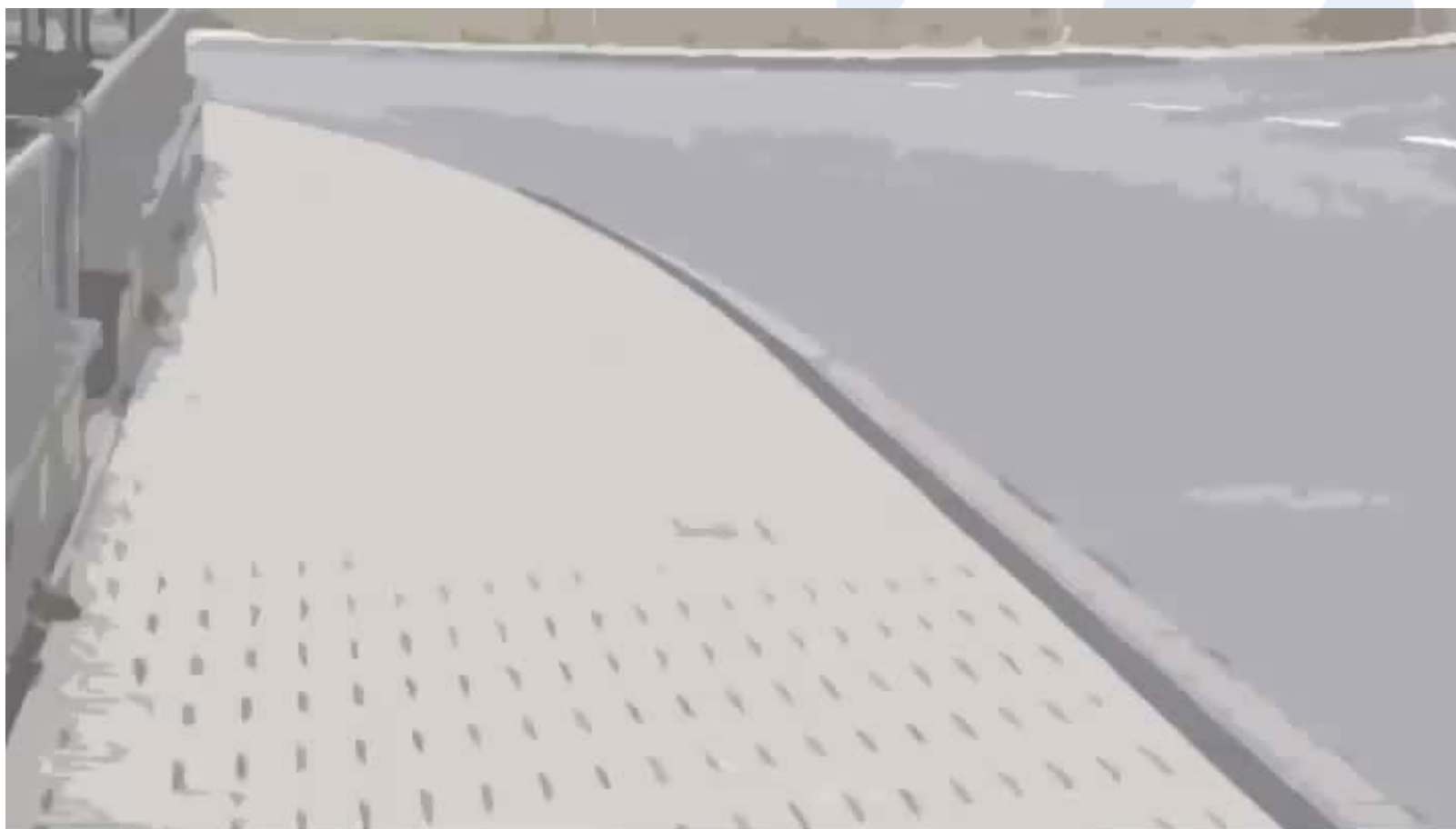


### 3 roles in traffic









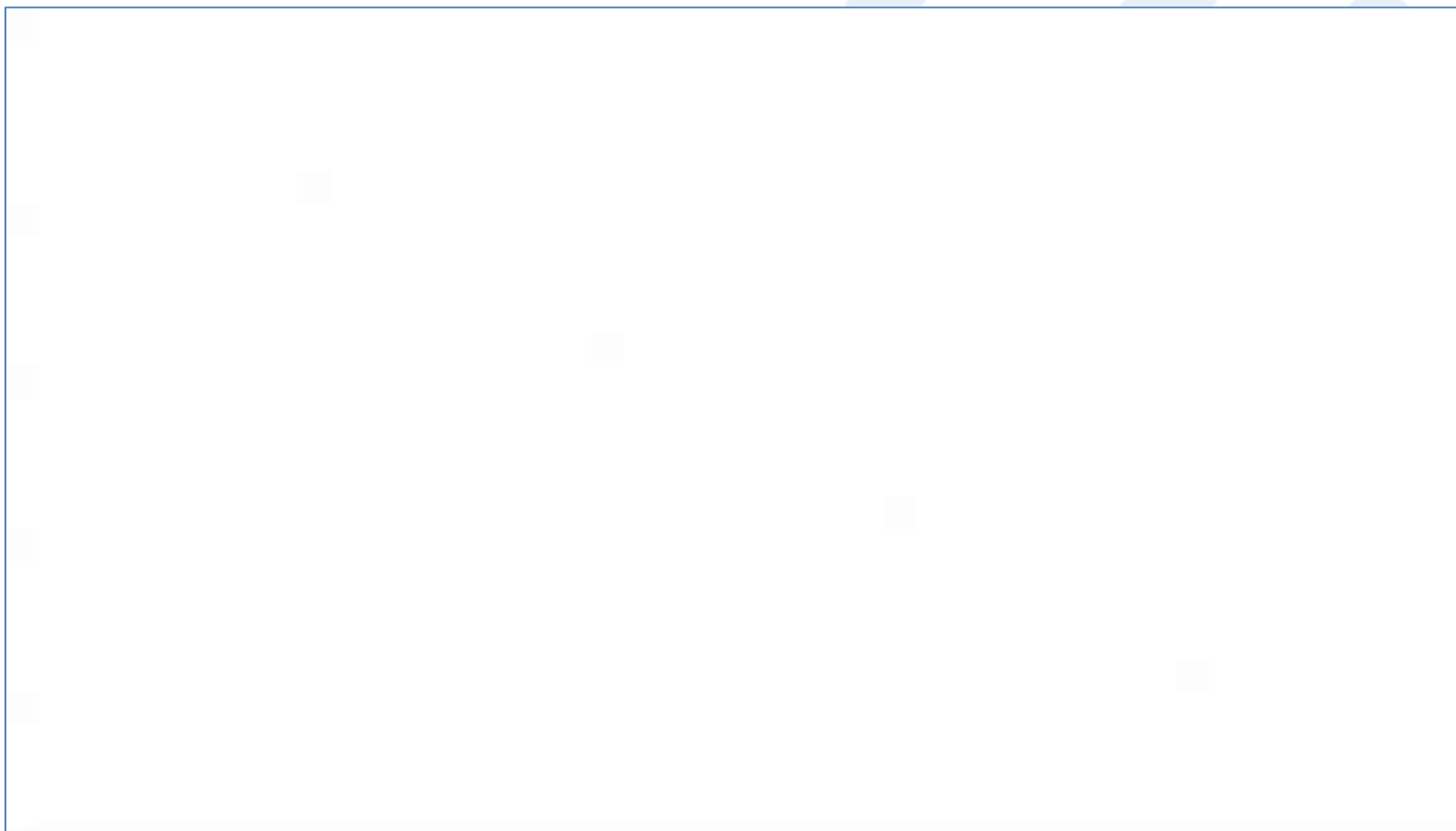
Attention,  
Interaction and  
adaptation to the  
environment

Am I alert and do I react  
to any changes in the  
environment?

Perceiving and choosing  
significant stimuli in the road  
environment to accommodate  
my behaviour







Assessing safety,  
vulnerability and risk

Can I hurt  
myself or  
others?

**I assess the safety of road actions, the  
probability of an accident, and any damage  
to myself or others that could arise**







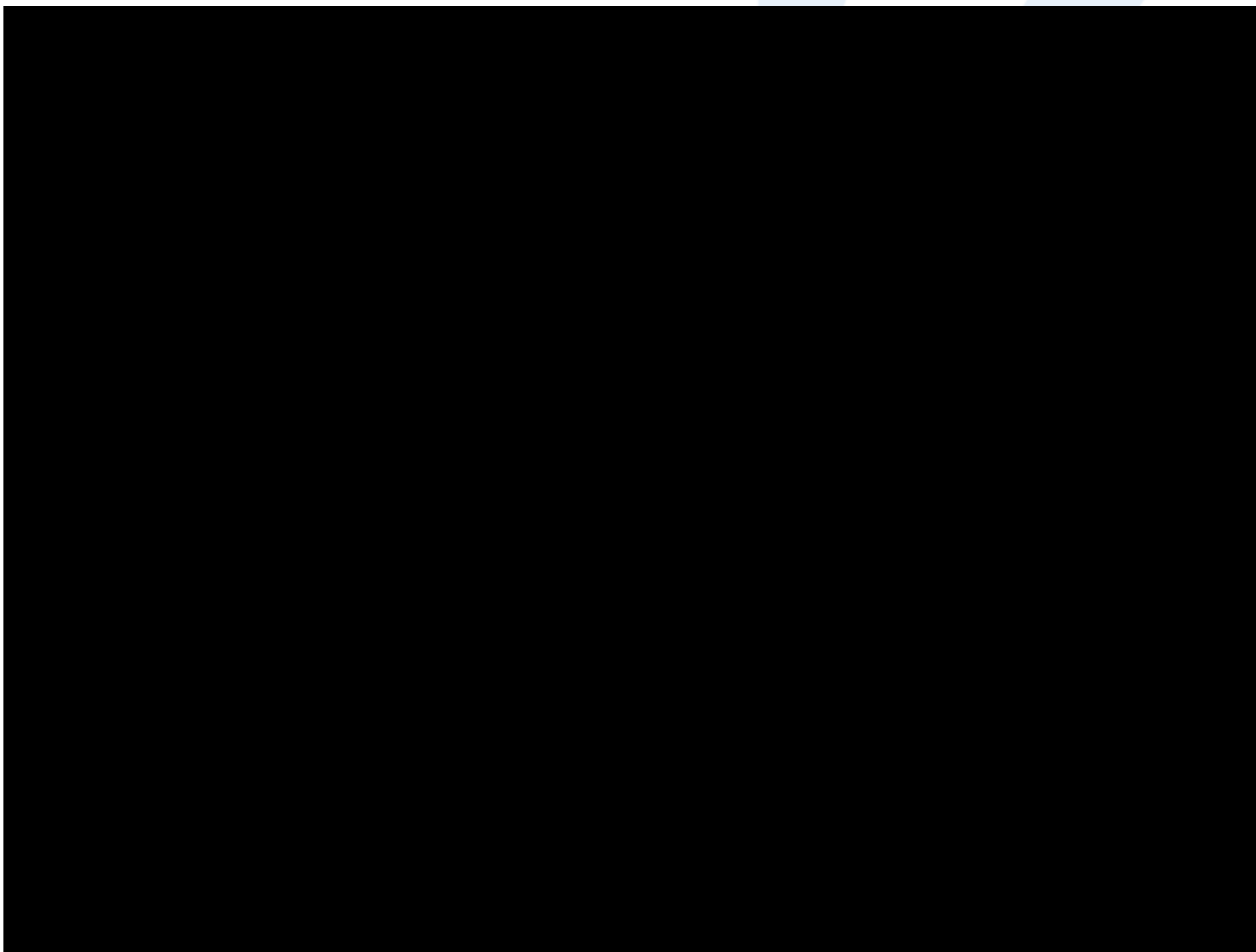
## Managing the impact

Do I really decide?

**Acknowledging and assessing mutual impact between people (impact, peer pressure, culture) prioritizing safety.**





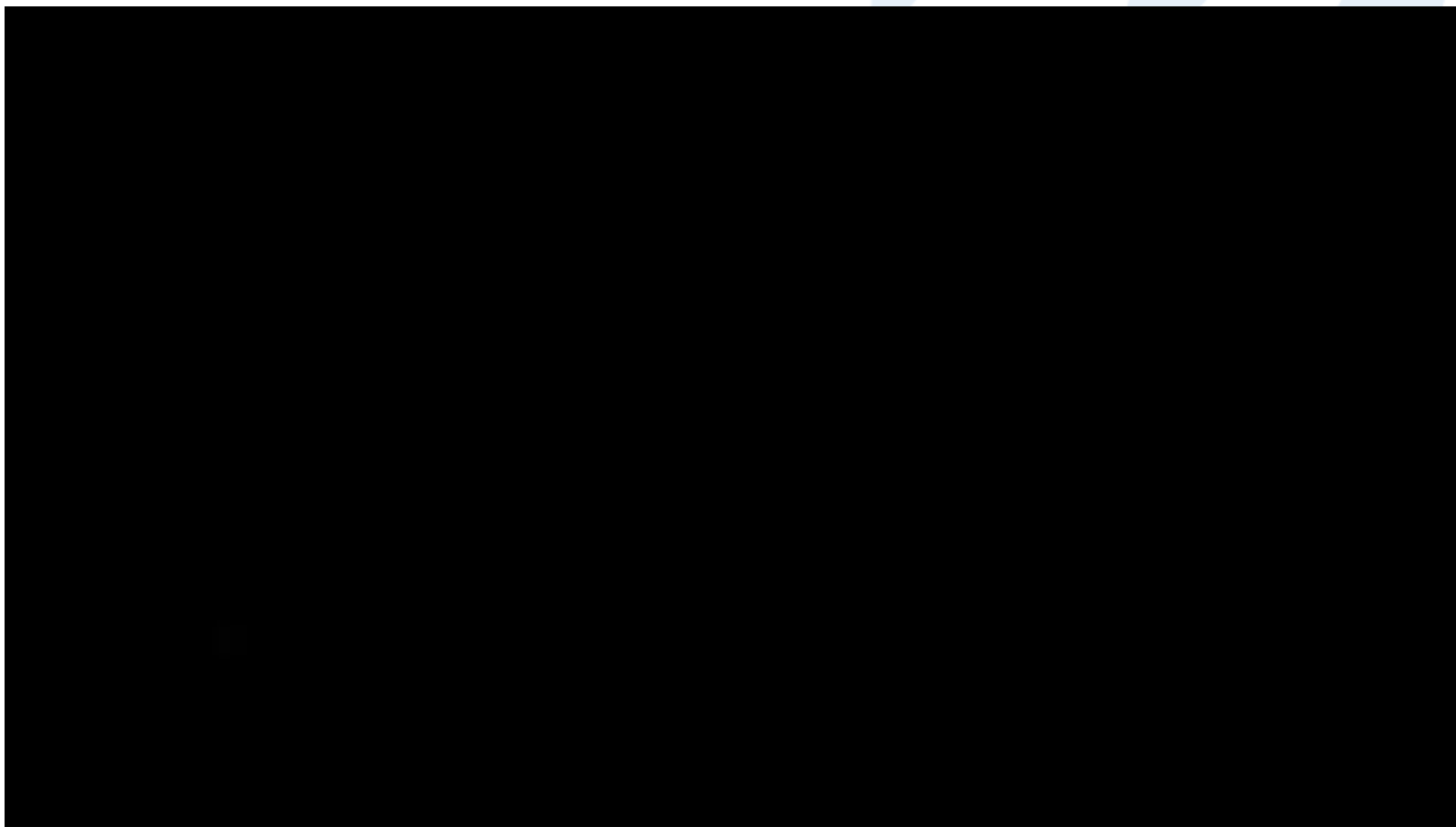


Managing my  
ability and my  
limits

How am I? What do  
I know how to  
do? What can I do?

Understanding and assessing my current  
ability (physical, mental, psychophysical,  
resources, skills, etc.) to deal with the  
situations that traffic poses.

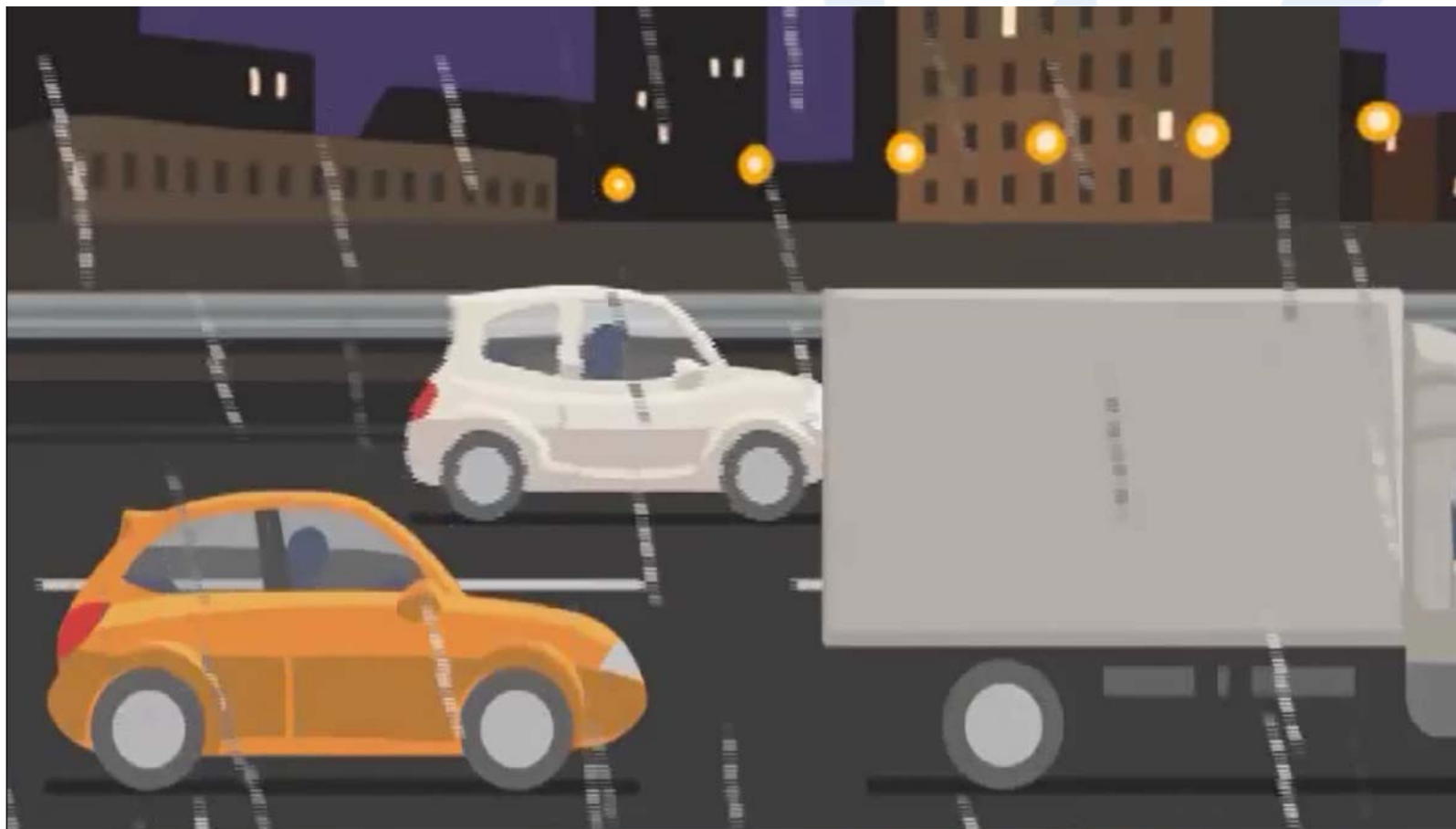




Emotional  
management

What do I feel and  
What are the  
consequences?

**Recognise what I am feeling, accept it  
and look at the consequences that this  
emotion has on my safe mobility.**







5  
competences



3  
roles



All  
ages



4 levels of  
difficulty

Prevention

Thank you!

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