



# Horses Identification in Europe : From the horse until the database programme ; research of new tools

Xavier Guibert - Delphine de Cadolle  
Les Haras nationaux - France

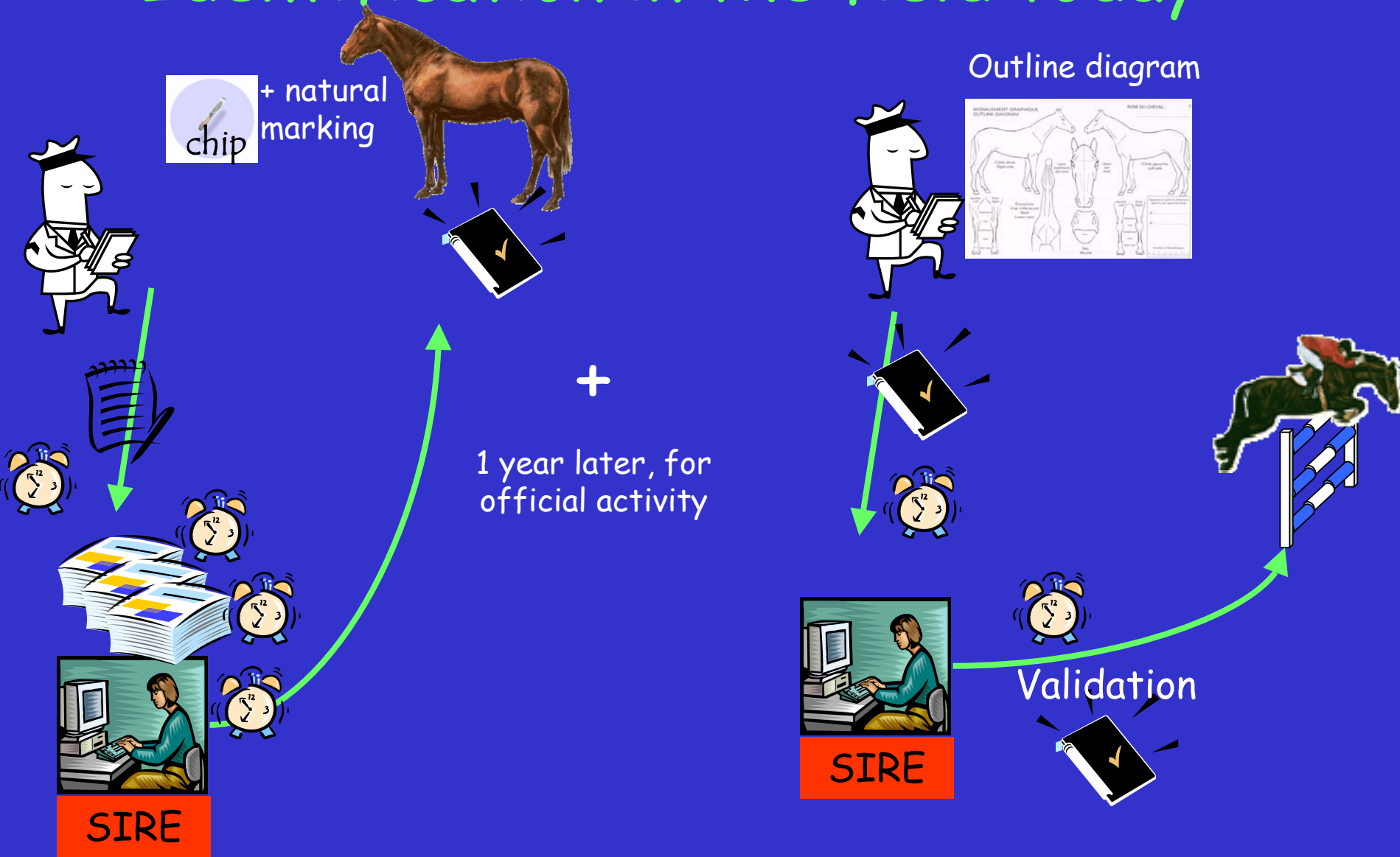
# Horses identification in France

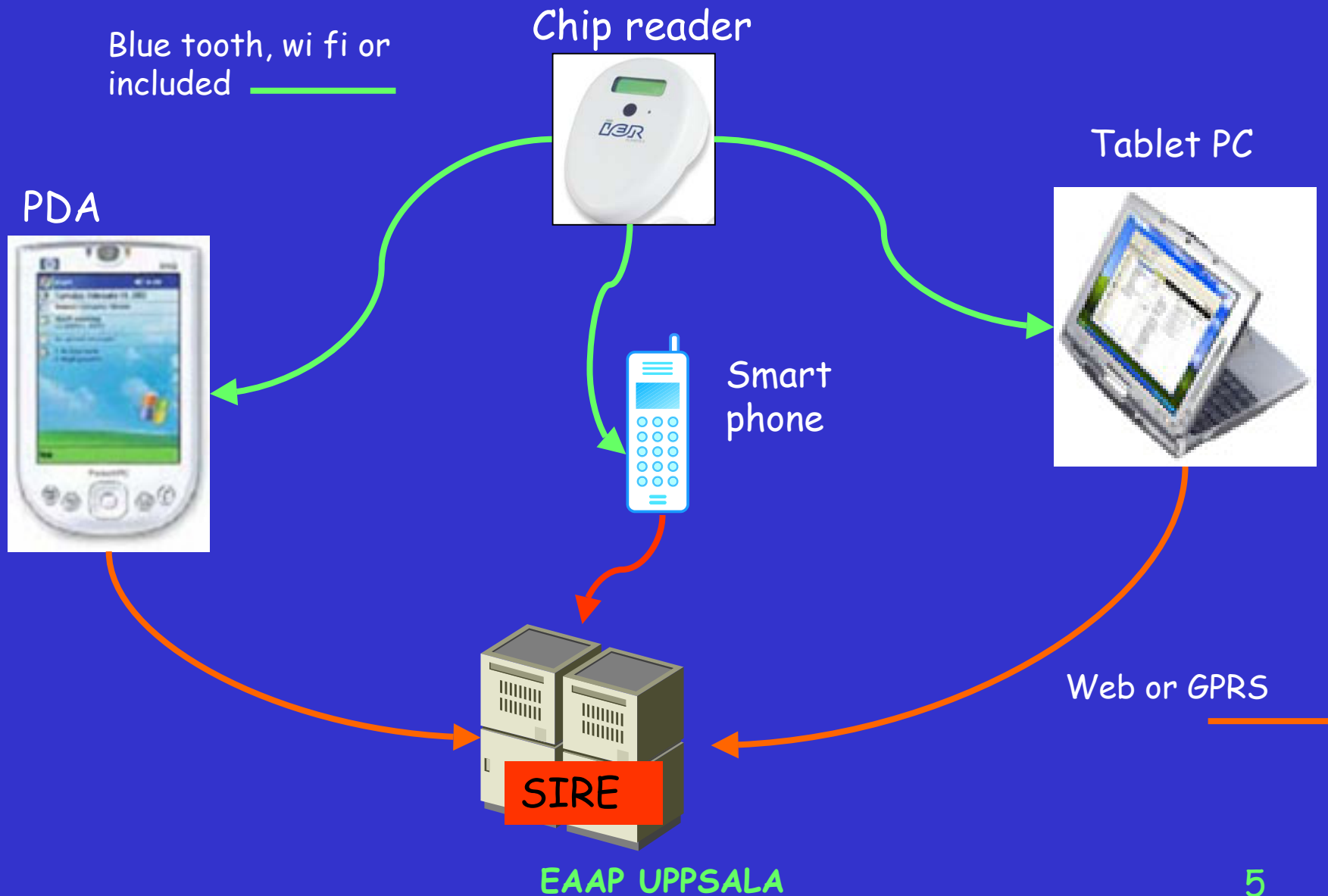
- Identification tools today
  - Registration of natural markings :
    - White marks, whorls, blue eyes, ...
    - Text and /or codes (translation tool)
    - Hemotype (1976) then DNA (2000)
  - Registration of artificial markings (if any)
    - Fire / freeze branding
    - Micro chip code
- All of them linked to a unique registration number for each horse : « **SIRE Number → UELN** »

# Horses identification in France

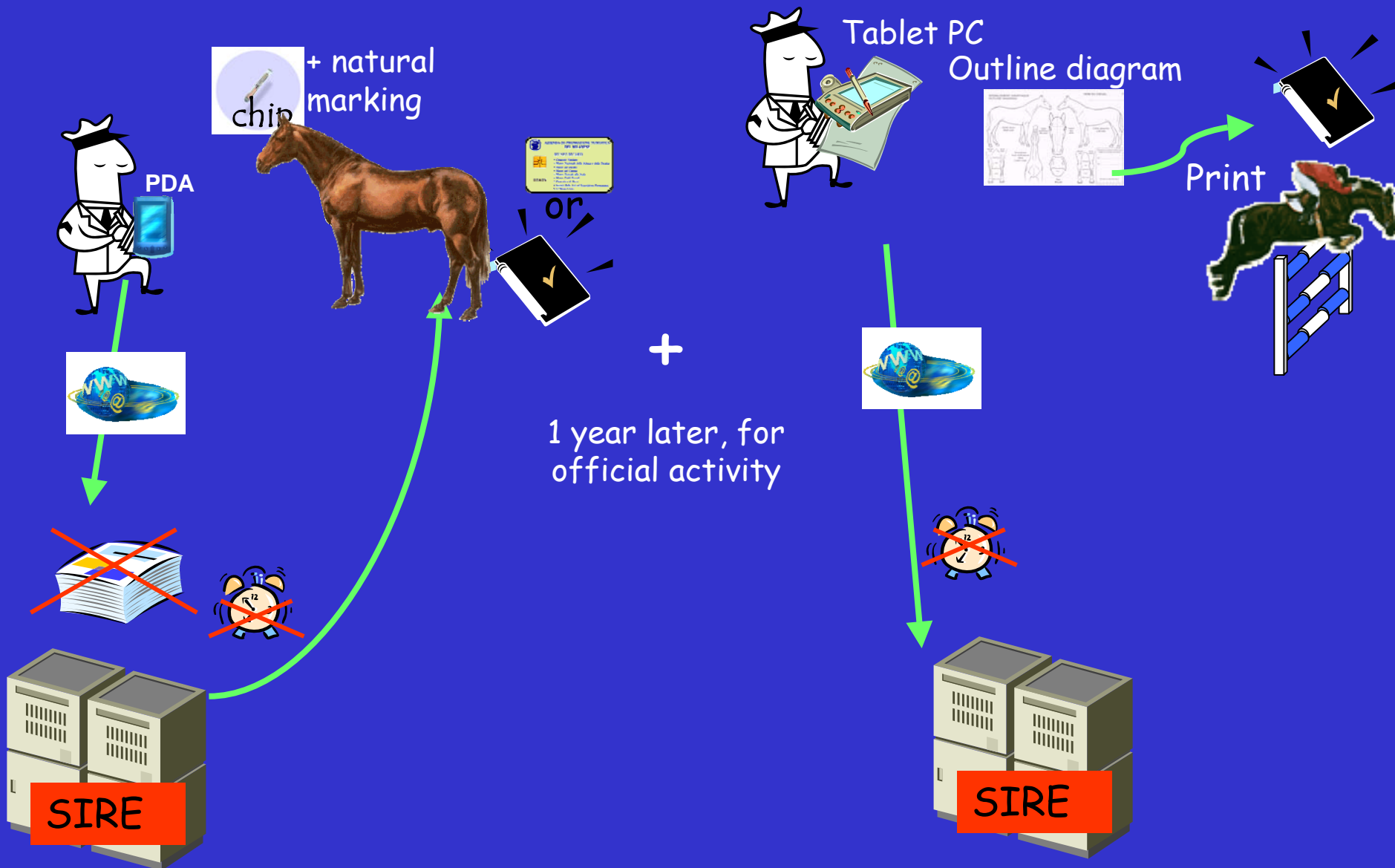
- Mandatory identification started in 2001 with a deadline for the end of 2002
  - 300 000 « new » horses registered from 2000 to 2004 (Unknown pedigree horses)
- Mandatory chipping started in 2004 with a deadline for the end of 2007
  - Foals and all new registrations in 2004
  - Stallions and broodmares in 2005
  - Racers and competitors in 2006
  - All the other horses living in France in 2007

# Identification in the field today

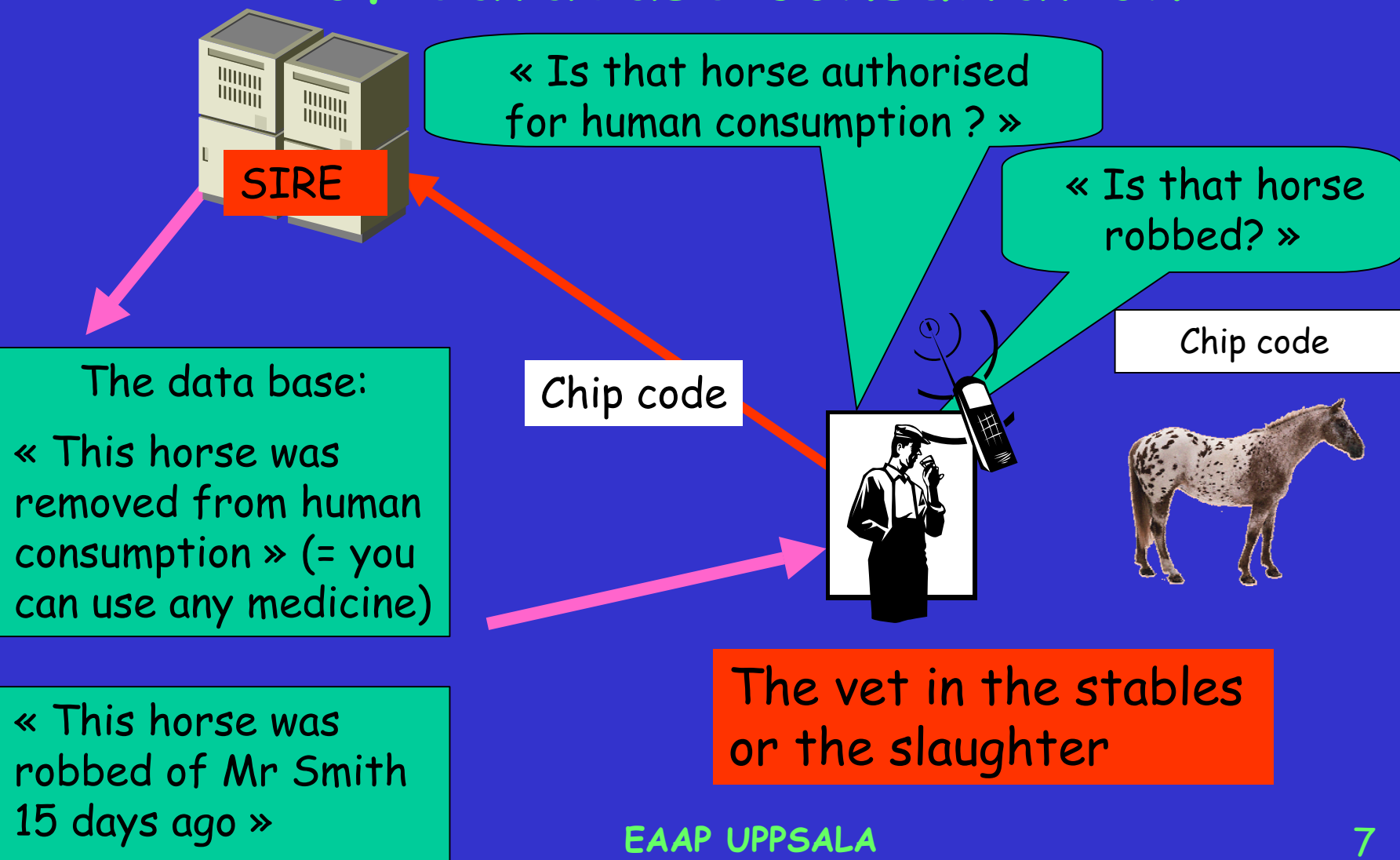




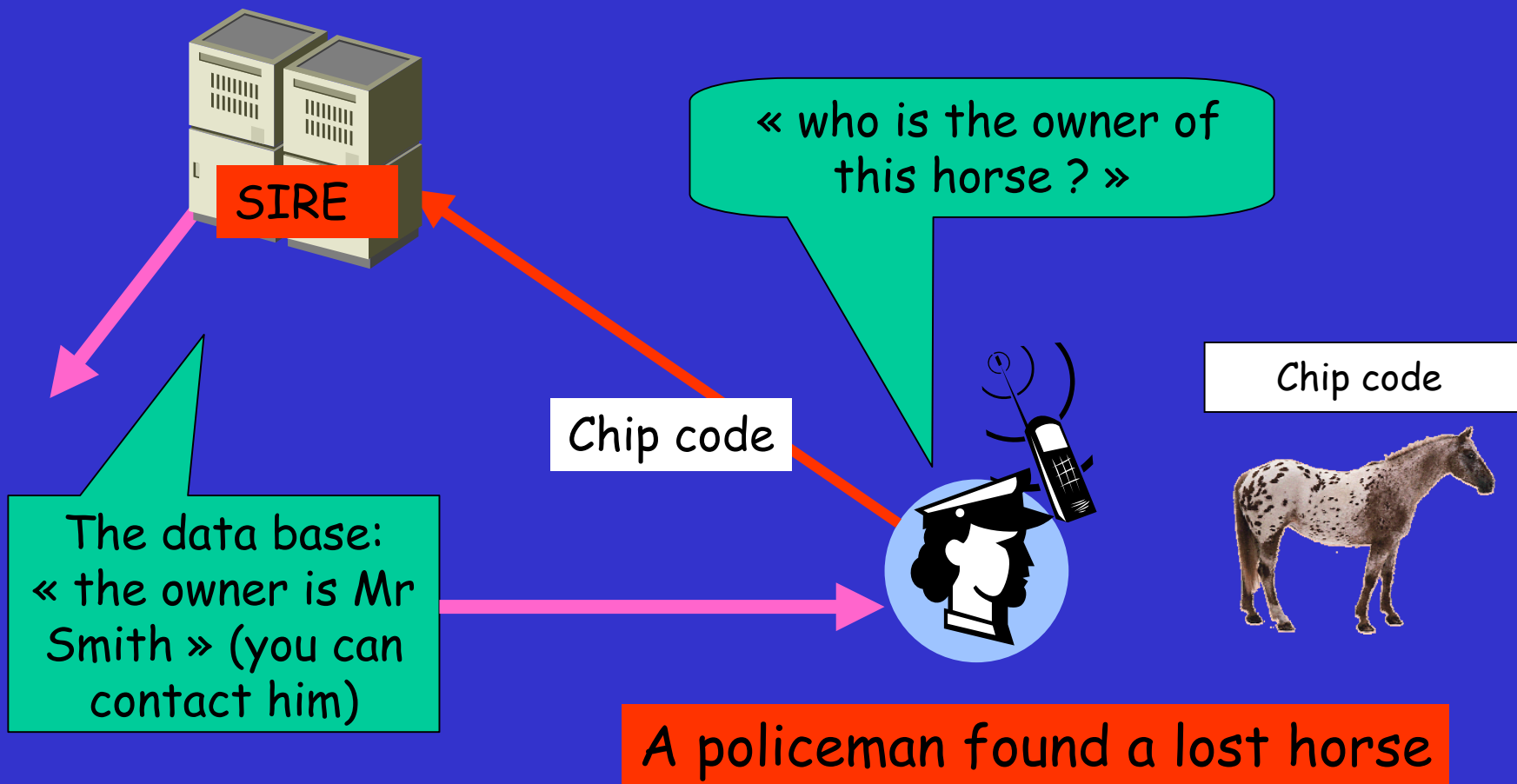
# Identification in the field tomorrow



# An example of future application of database consultation

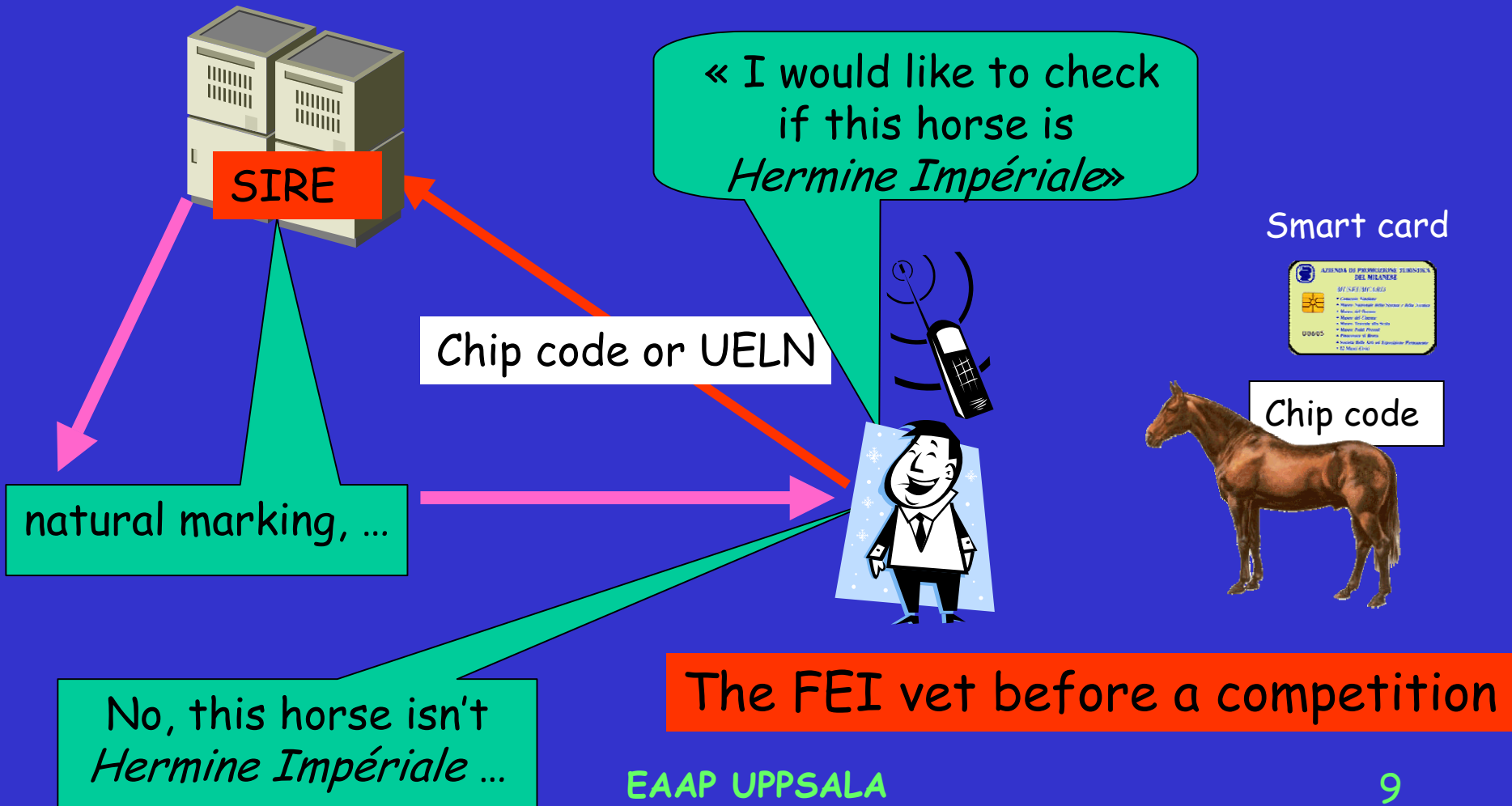


# An example of future application of database consultation





# An example of a future application of database consultation



# In the future...

Chip code

With a special microchip,  
we will be able to read  
from a longer distance  
(today, only 20 centimetres)

Technology to read

- a lot of microchips in one time
- from a distance of 100 meters

exists, but still too expensive today (and not yet accepted for ISO and doesn't yet exist for horse identification, follow-up studies are being made)

