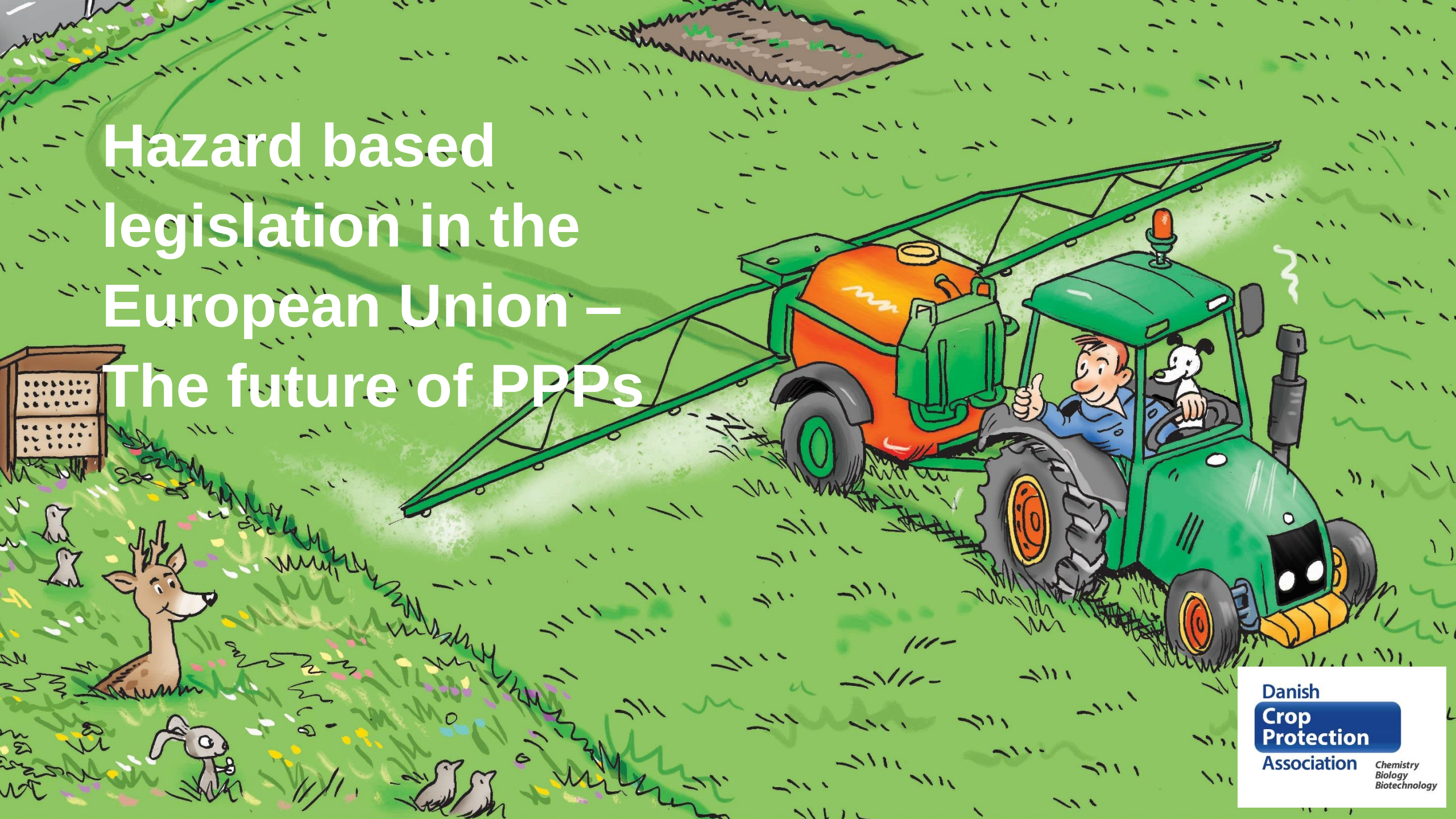
Hazard based legislation in the European Union – The future of PPPs



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Why are we here today?

CeHoS
Informationsdag 2018

REGULATION (EC) No 1107/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL

of 21 October 2009

concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC

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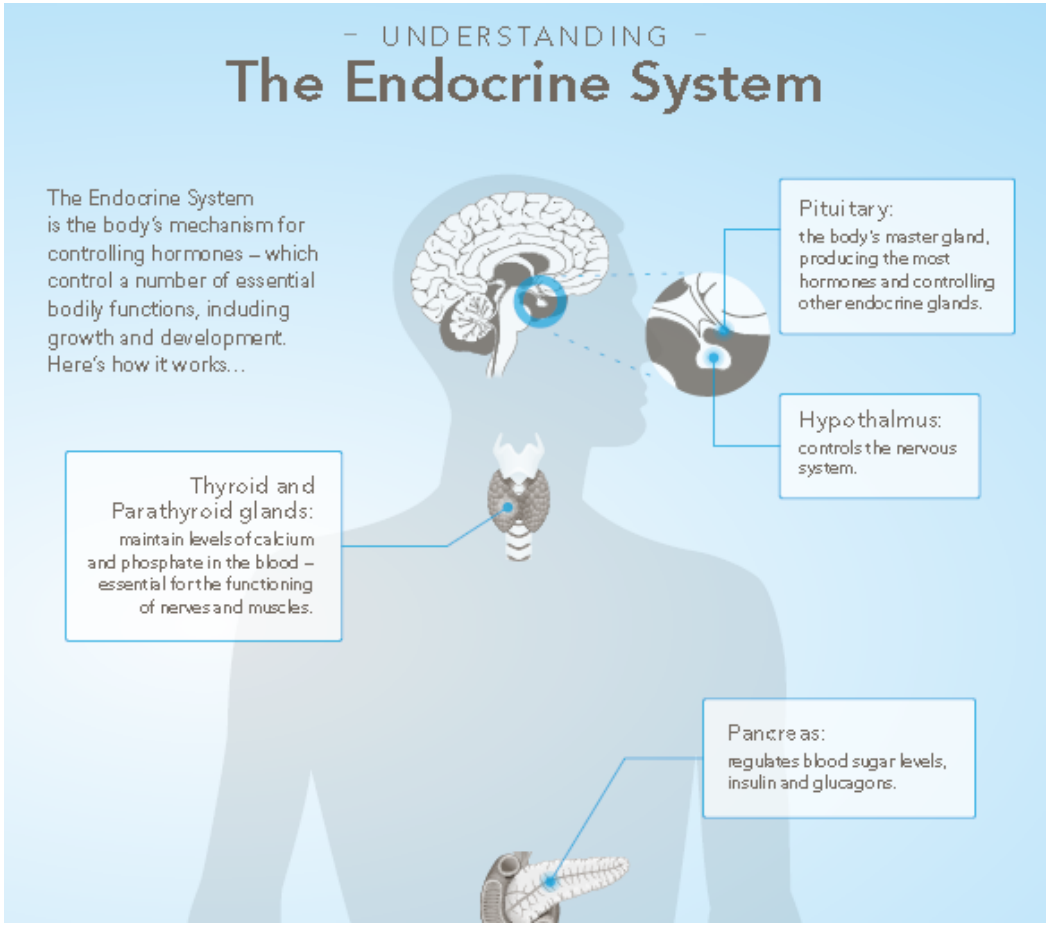
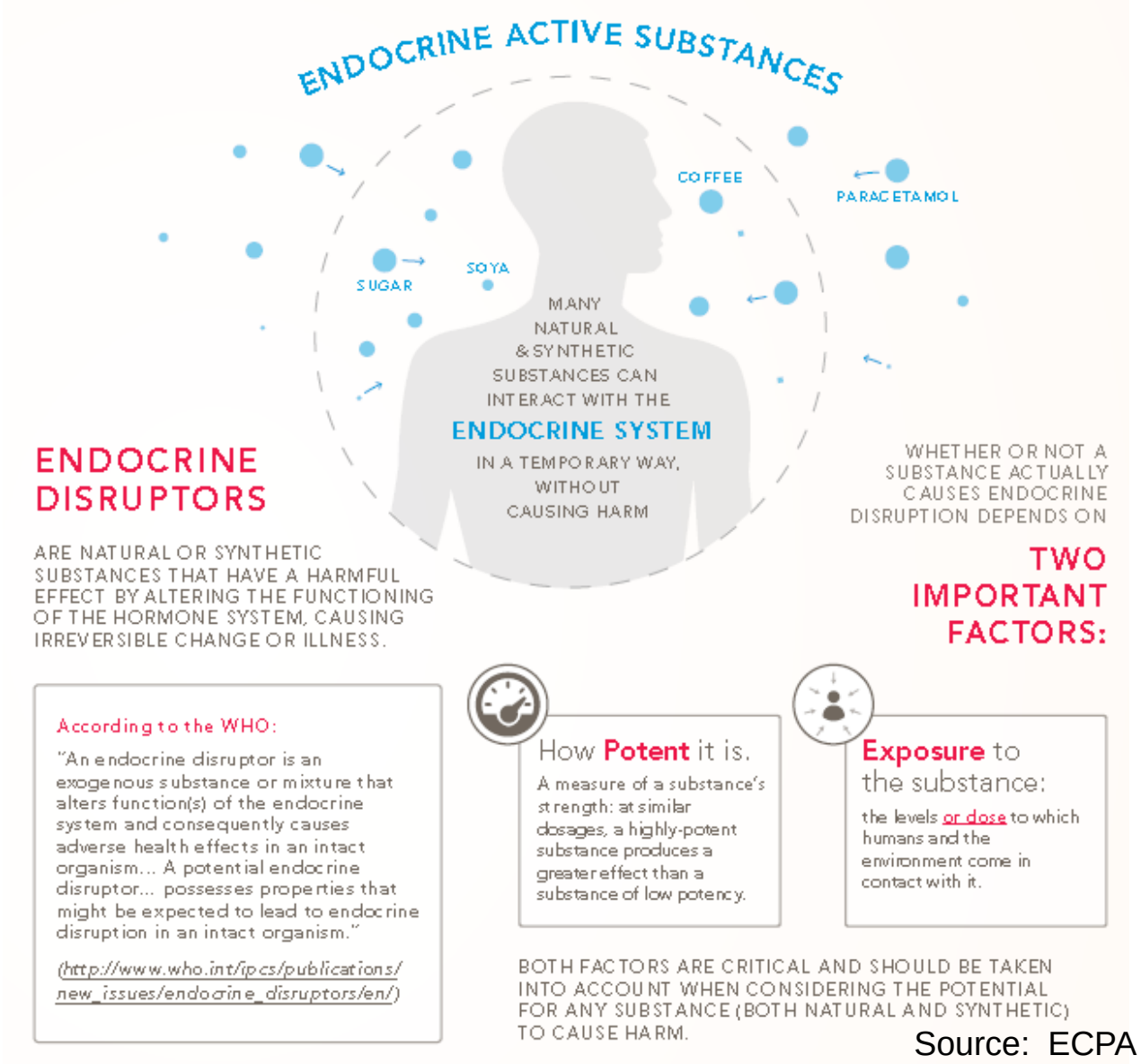
What systems in the body are we referring to?





- Permanent / adverse impact

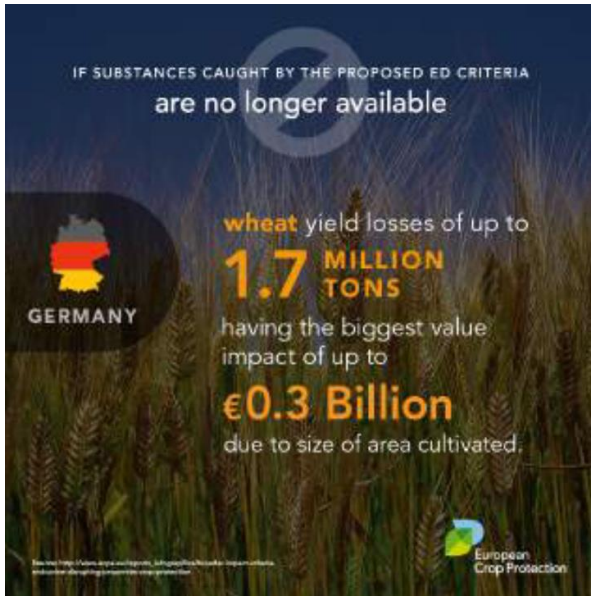
Source: ECPA

Why is this topic of interest to DCPA?

- Part of 1107/2009 and biopesticides regulations – currently as cut-off criteria

- According to ECPA, current EU proposal would affect registered products - up to 50 active ingredients could loose their registrations.

- Study sponsored by ECPA focused on 16 active ingredients and found that:
  - Their use in potatoes, barley, wheat, sugar beet, rapeseed, corn and grapes contributes to 34 - 69 million tons / between €4.1 - €8.3bn of crop value
  - Imports of corn, OSR, and sugarbeets increase from 7 to 28 Mt
  - 500,000 jobs in EU at risk of being lost
  - EU wheat export would decrease by half
  - Carbon footprint negatively impacted
  - EU self-sufficency further in doubt



Could these be some questions we should ask ourselves?

- Should our regulatory system be hazard or risk driven?
  - 1107/2009 is hazard based.
  - Danish tax system on Crop Protection Products is hazard based.
  - Risk assessments are used in registering products

RISK = HAZARD x EXPOSURE

Hazard vs Risk

RISK = HAZARD x EXPOSURE

Watching a shark from the beach doesn't present a risk to your health
SWIMMING WITH IT DOES!

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Could these be some questions we should ask ourselves?

- Is there a challenge to define what Endocrine Disrupting Chemicals really are?
  - Endocrine – so many different hormonal systems in the body which are all different
  - Disrupting – is it really permanent? What is the binding strength?
  - Chemicals – syntetic vs natural

- To what extent do they impact our health?
  - Are the concerns similar to the concerns raised when we discuss the ”Cocktail effect”?

- What is science driven and what is politically motivated?
  - Who are involved? Toxicologists, medical professionals, environmentalists?

- What do we want? To feed the world, or worry about what we eat?

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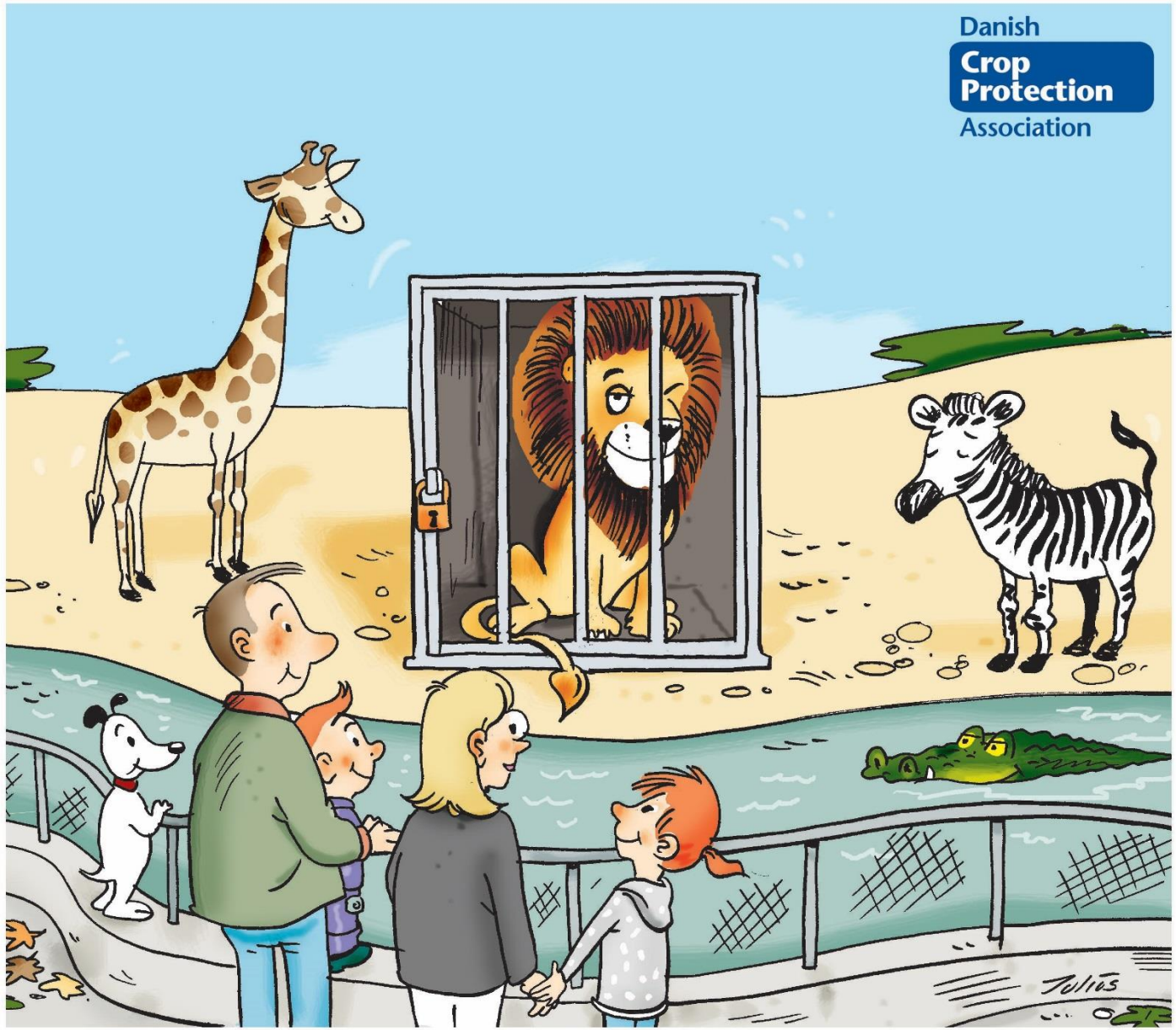

Hazard is anything that has the potential to cause harm
Risk is an estimation of the chance you will be harmed by hazard
- If you are not exposed to the hazard - no harm is being done