



UNESCO vuosiseminaari  
6.6.2019

# VESIHUOLTO EUROOPASSA

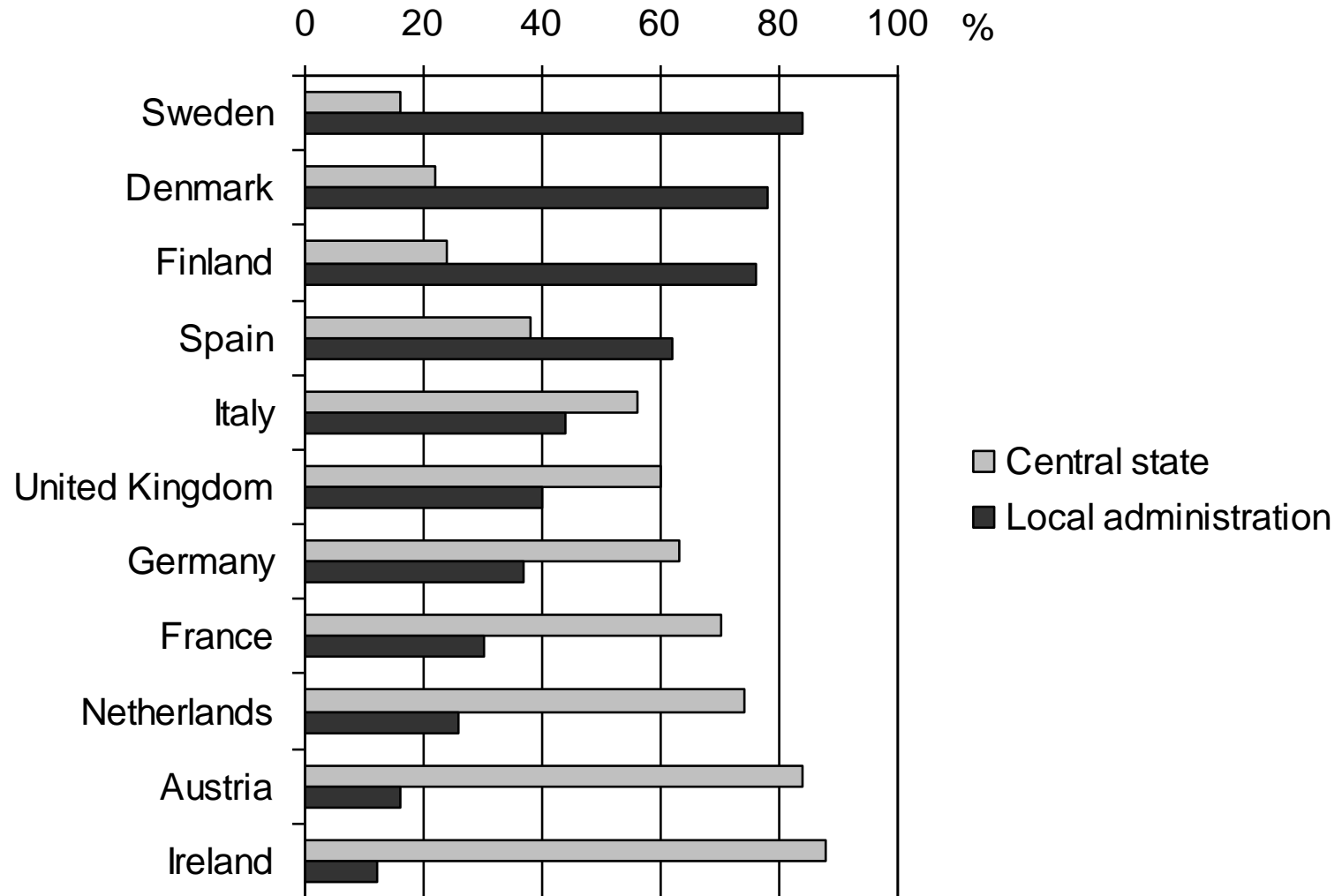
**Pekka Pietilä, TkT**  
**TTY/CADWES-ryhmä**

**SOME EUROPEAN COUNTRIES  
POPULATION AND MUNICIPALITIES  
2017**

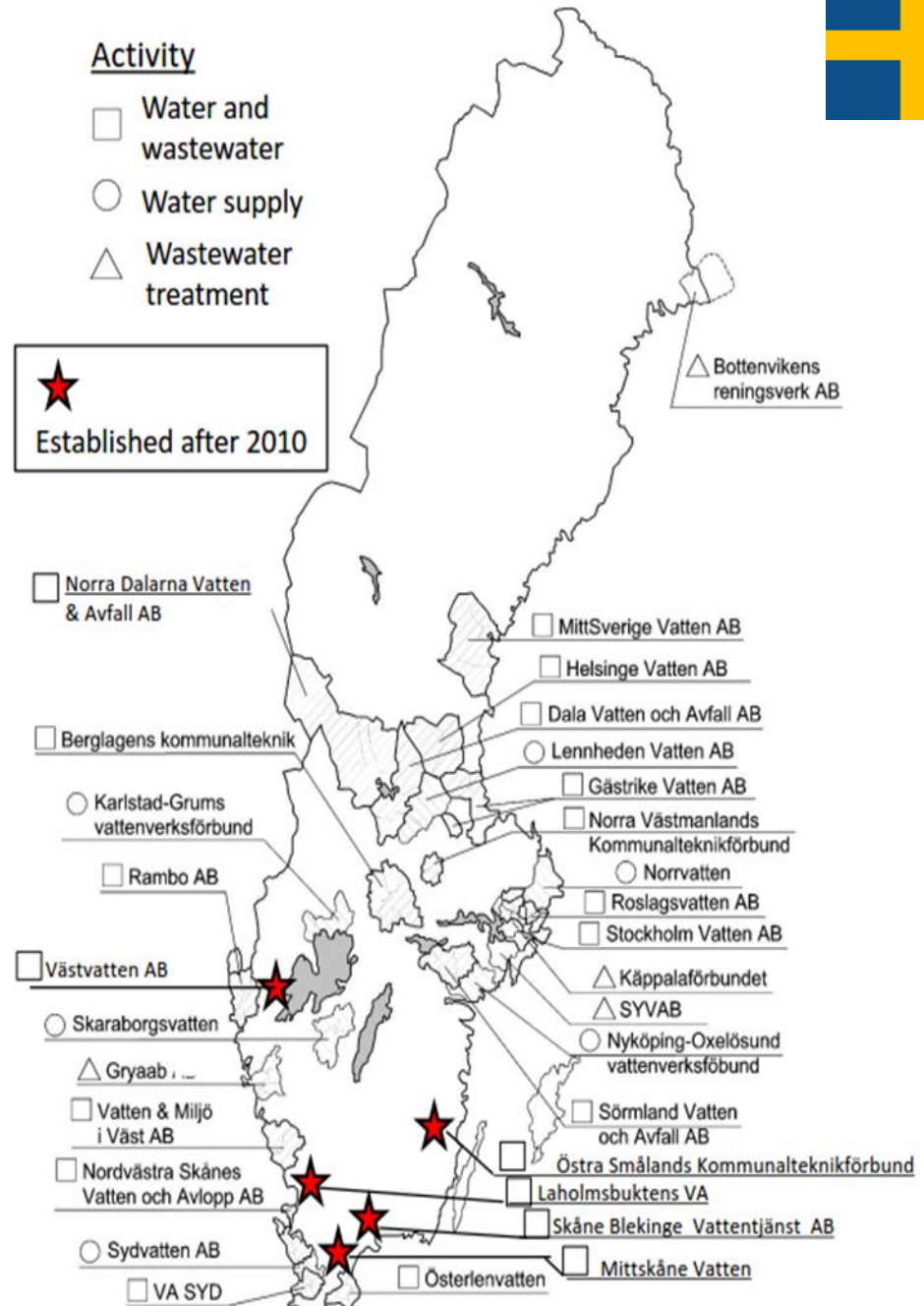
Country	Population million	Number of municipalities
Austria	8.5	2359
Belgium	11.2	589
Denmark	5.7	98
Estonia	1.3	213
<b>Finland</b>	<b>5.5</b>	<b>311</b>
France	67.3	36 500
Germany	82.3	12 000
Lithuania	3.0	60
Netherlands	16.8	390
Spain	46.5	8 100
Sweden	10.1	290
United Kingdom	64.6	*

\* local government structure not uniform

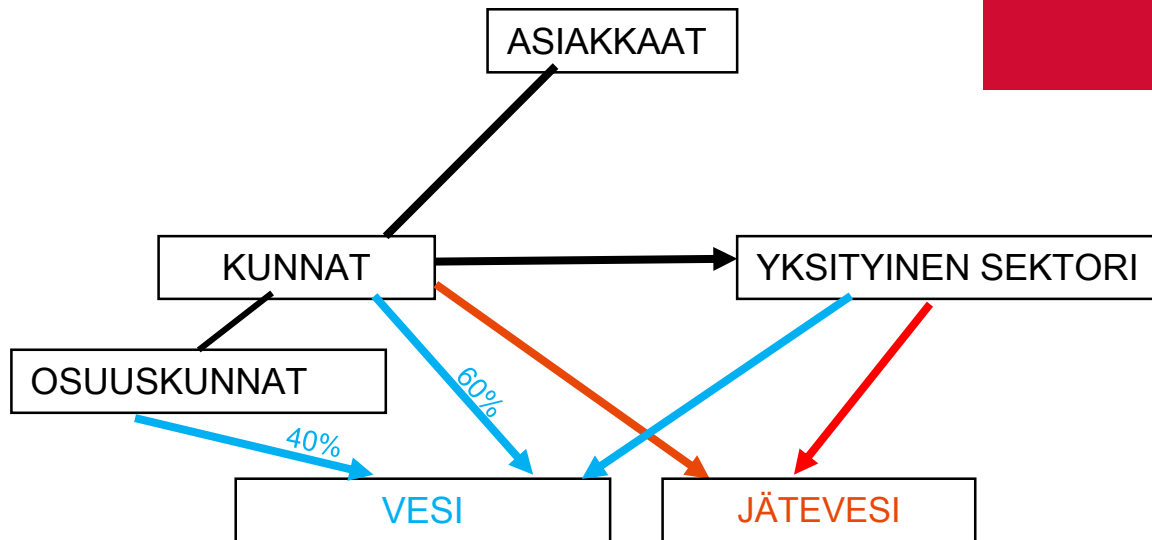
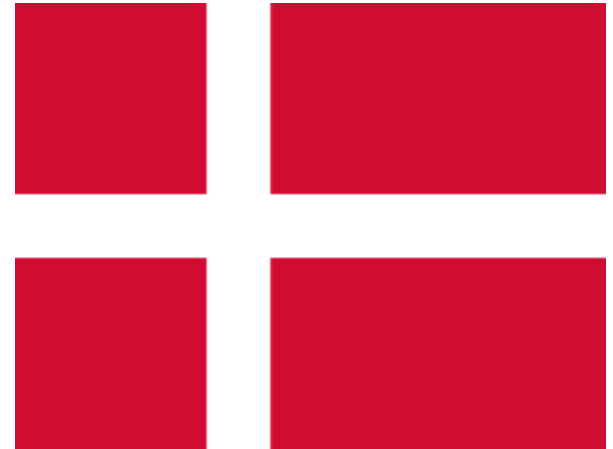
# JULKISEN SEKTORIN TYÖNTEKIJÄT

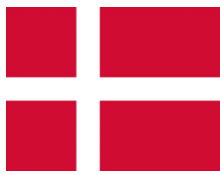


# Regional water and wastewater utilities in Sweden



# VESIHUOLTO TANSKASSA





Danish Water and Wastewater Association

- VVY:n sisarorganisaatio



Danske Vandværker

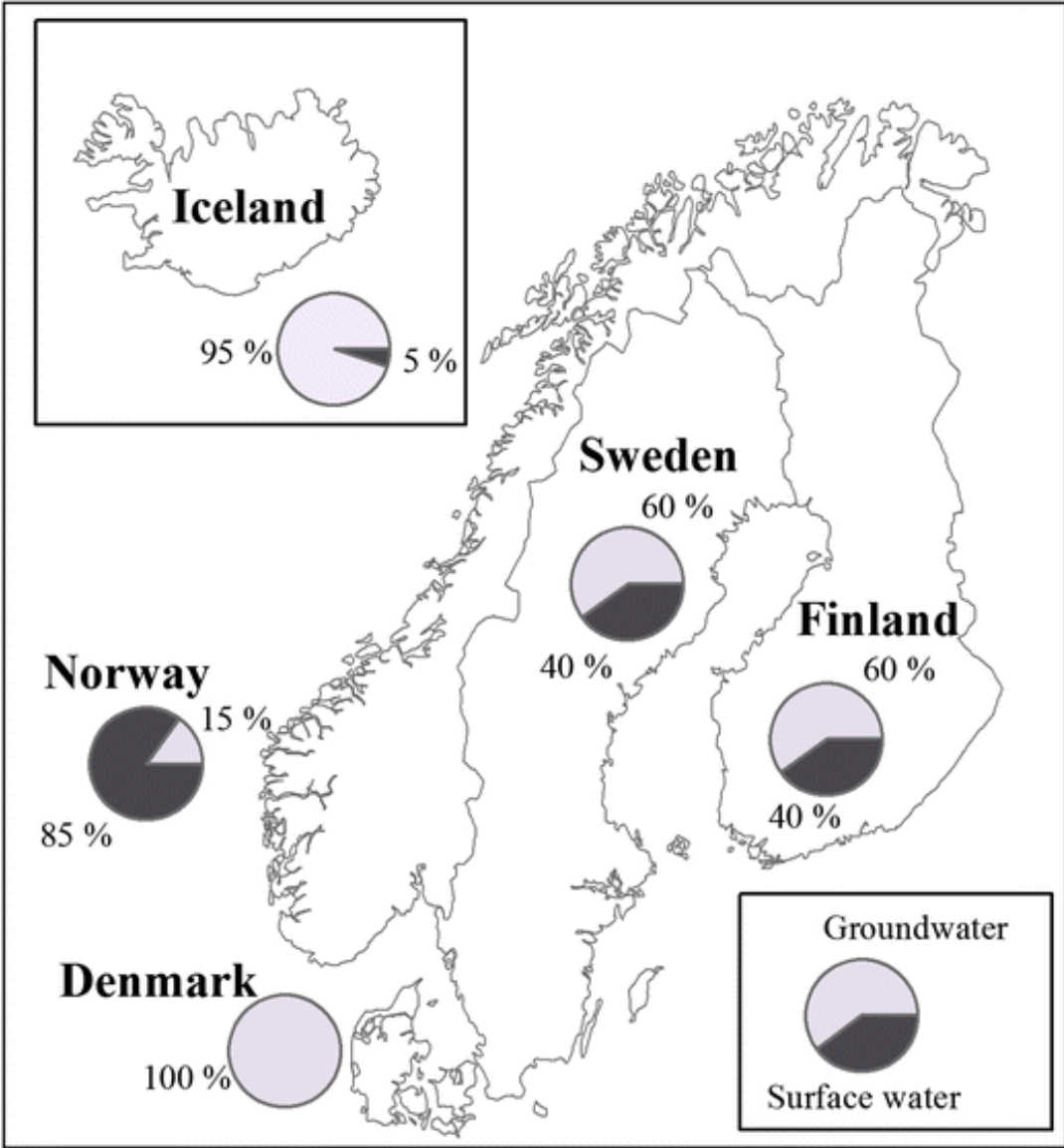
- Vesiosuuskuntien keskusjärjestö
- 15 työntekijää
- yli 2 000 osuuskuntaa

Aiempi



Foreningen af Vandværker i Danmark

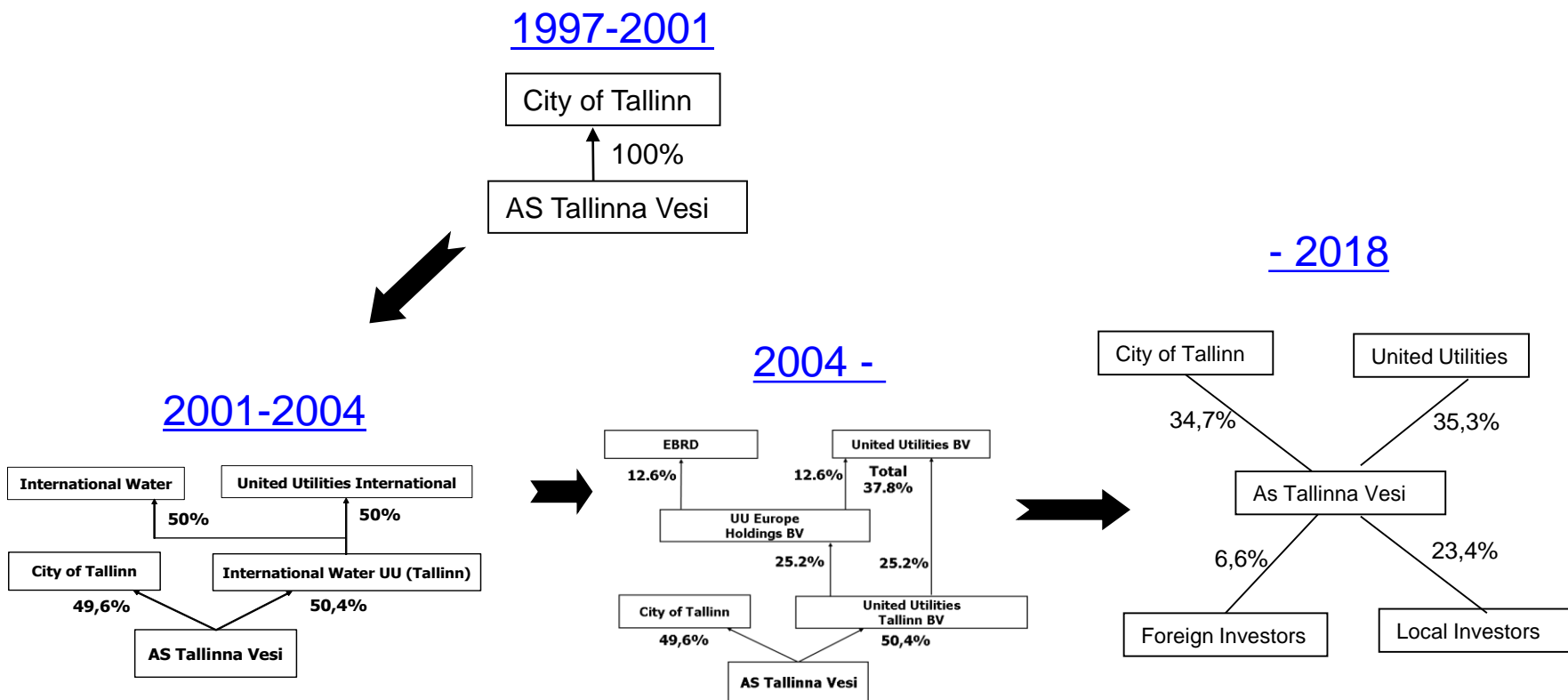
# RAAKAVESILÄHTEET POHJOISMAISSA



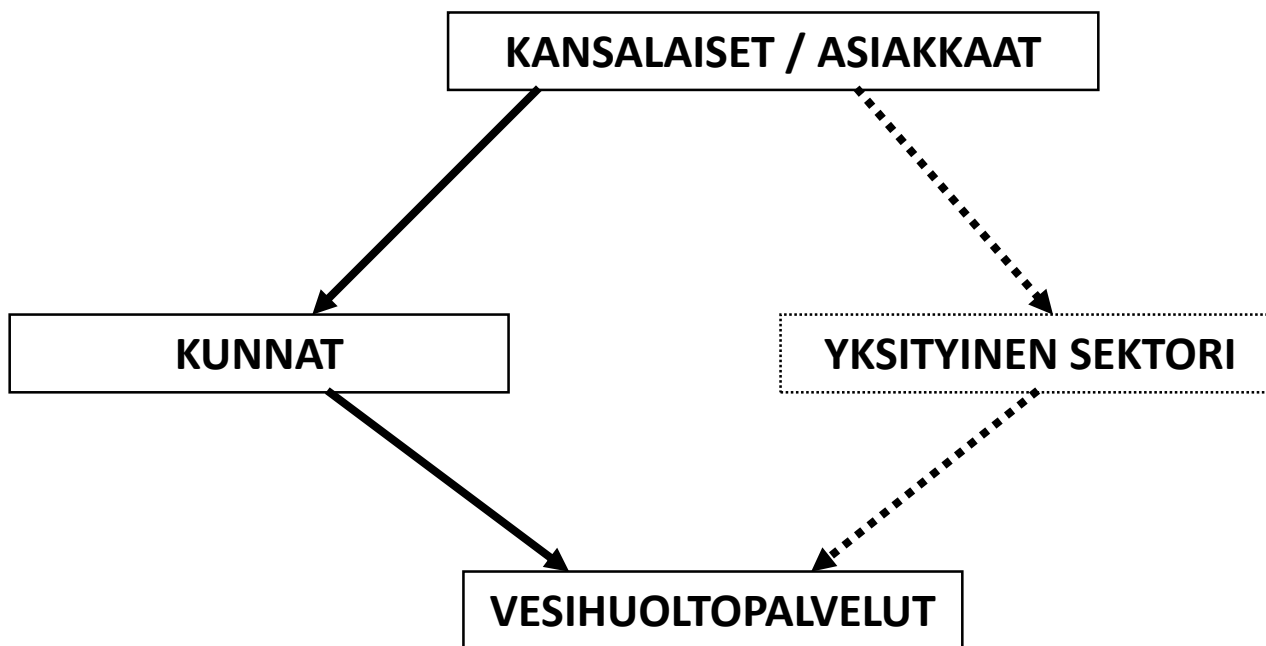
# VIRO



## TALLINNA VESILAITOKSEN OMISTUS

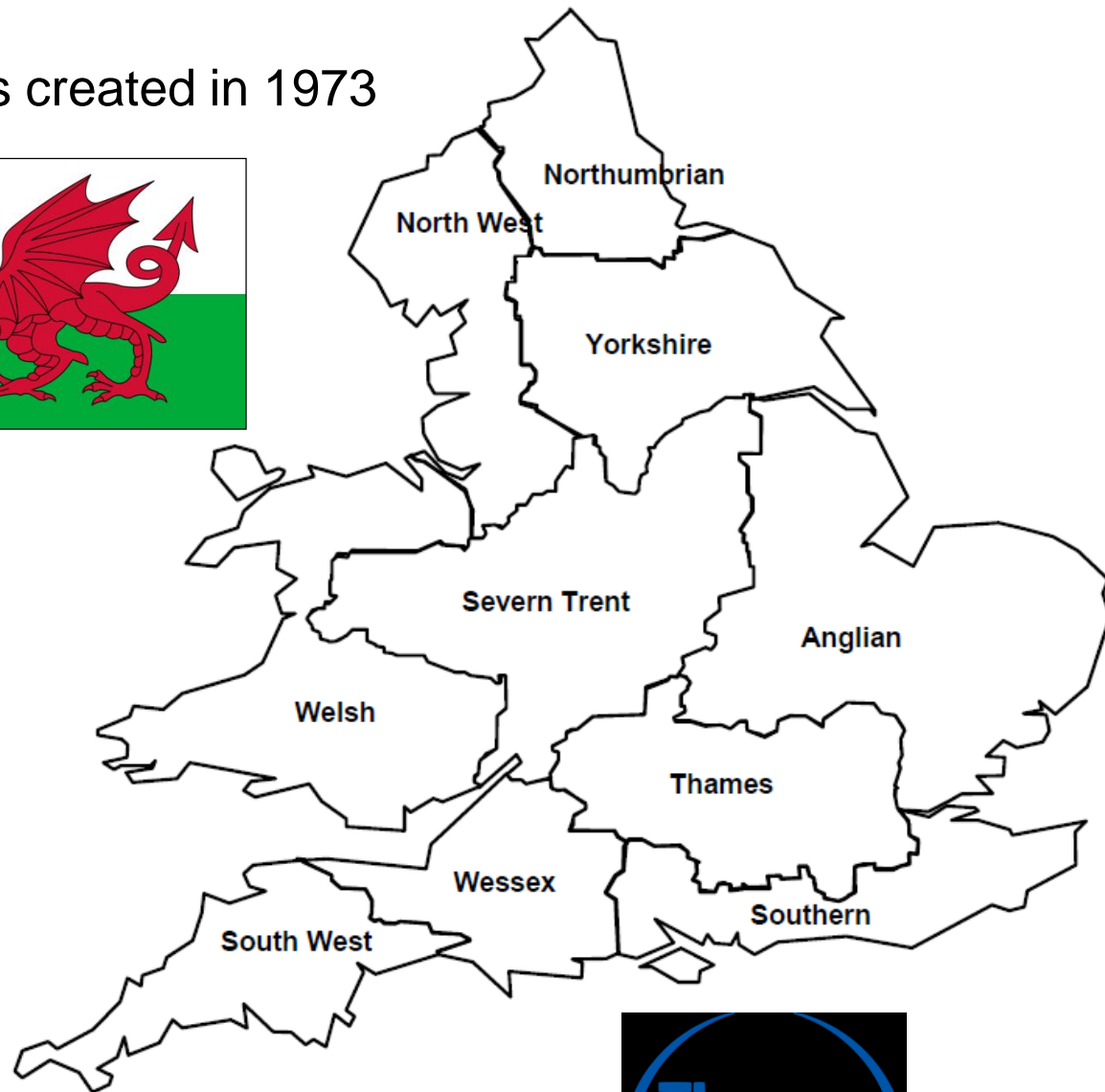
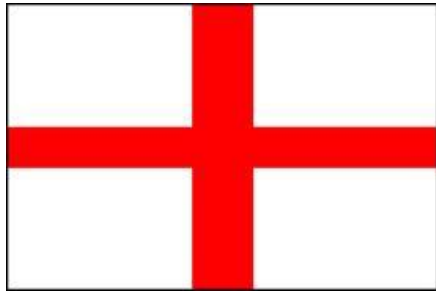


# VESIHUOLTO LIETTUASSA



# ENGLAND AND WALES

10 Regional Water Authorities created in 1973



# ENGLAND AND WALES

## Regional Water Authorities privatised in 1989





### The UK Water Industry

#### Water Only Companies

- 1 - Bournemouth and West Hampshire
- 2 - Bristol Water
- 3 - Cambridge Water
- 4 - Cholderton and District Water
- 5 - Dee Valley Water
- 6 - Essex and Suffolk Water
- 7 - Hartlepool Water (Anglian Water)
- 8 - Portsmouth Water
- 9 - South East Water (Mid Kent)
- 10 - South Staffordshire Water
- 11 - Sutton and East Surrey Water
- 12 - Veolia Water Central (formerly Three Valleys)
- 13 - Veolia Water East (formerly Tending Hundred)
- 14 - Veolia Water Southeast (formerly Folkstone & Dover)

#### Water and Sewerage Companies

- 15 - Anglian Water
- 16 - Dwr Cymru (Welsh Water)
- 17 - Northumbrian Water
- 19 - Severn Trent
- 20 - South West Water
- 21 - Southern Water
- 22 - Thames Water
- 23 - United Utilities
- 24 - Wessex Water
- 25 - Yorkshire Water

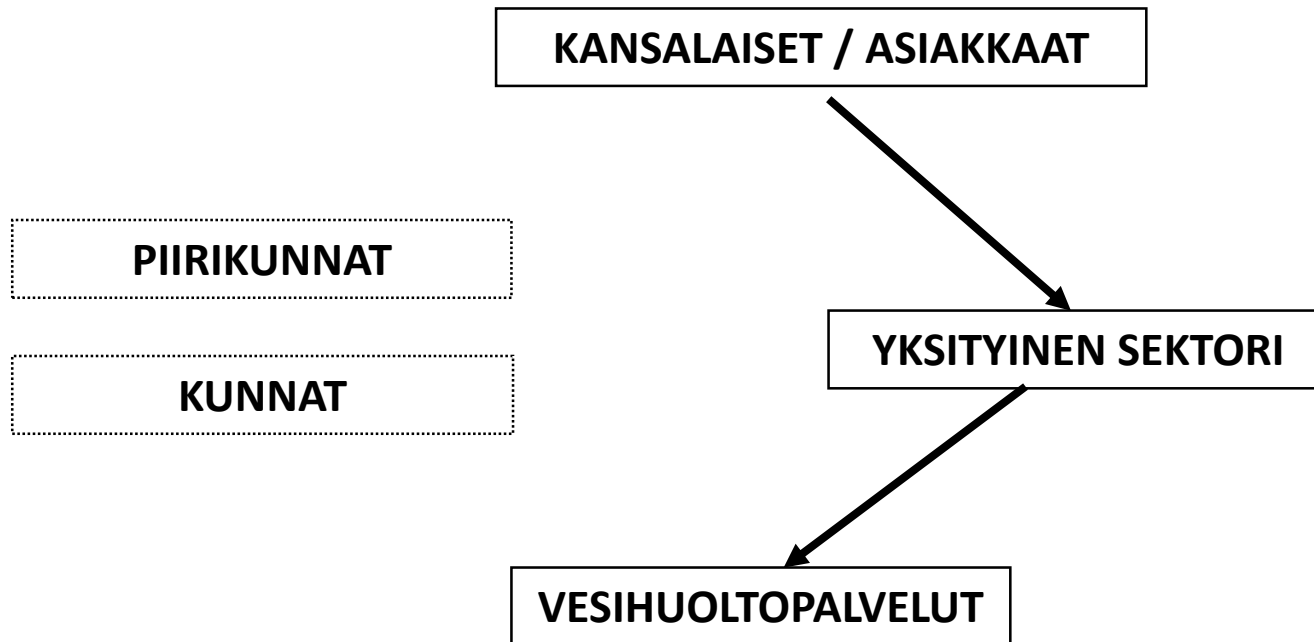
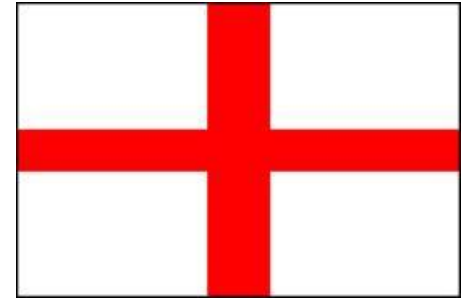
-  Water and sewerage co. boundary
-  Water only co. boundary

WATER ONLY  
COMPANIES

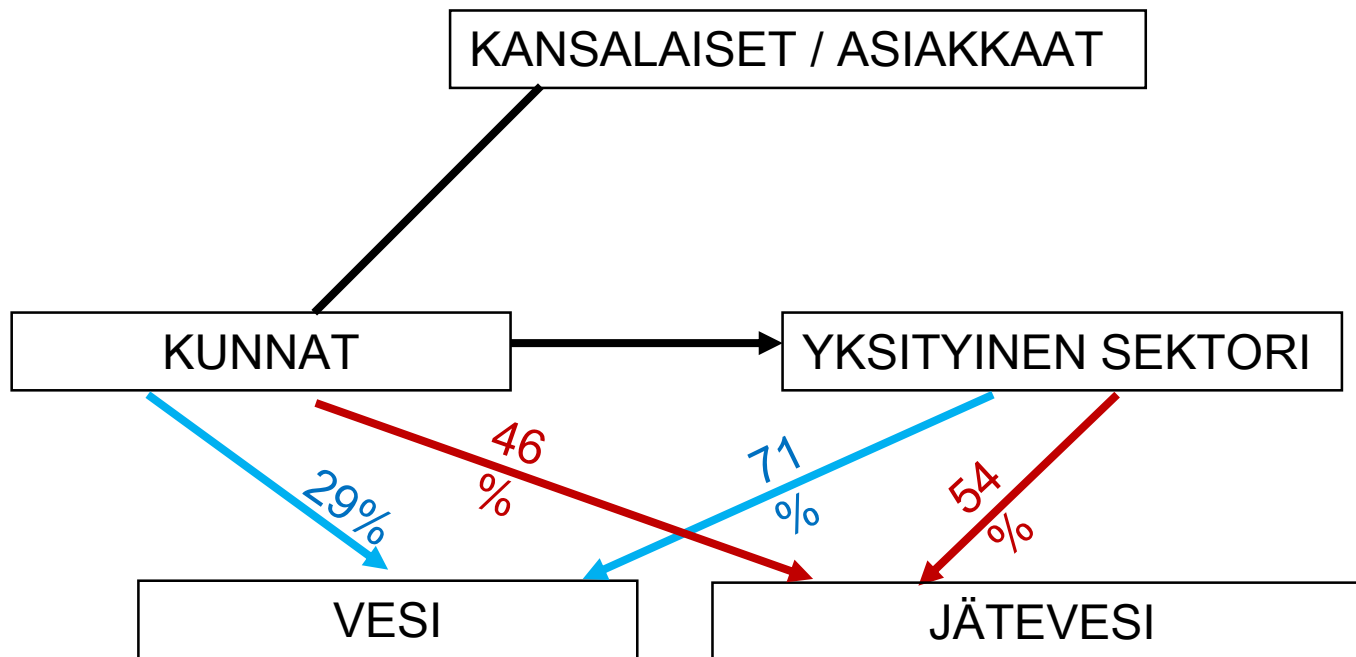
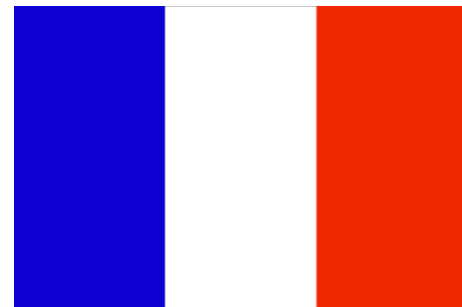
REGIONAL  
WATER & WW  
COMPANIES

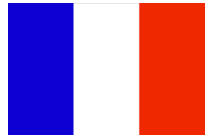


# VESIHUOLTO ENGLANNISSA



# WATER SERVICES IN FRANCE





## RANSKA

- pitkät perinteet yksityisestä operoinnista
- 3 suurta monikansallista yhtiötä
- Pariisi takaisin kaupungin hoitamaksi vesihuoltolaitokseksi 2010

Compagnie de Suez & Lyonnaise des Eaux →  
- myös jätehuolto - SITA



Compagnie Générale des Eaux → Vivendi Water →



- myös julkinen liikenne

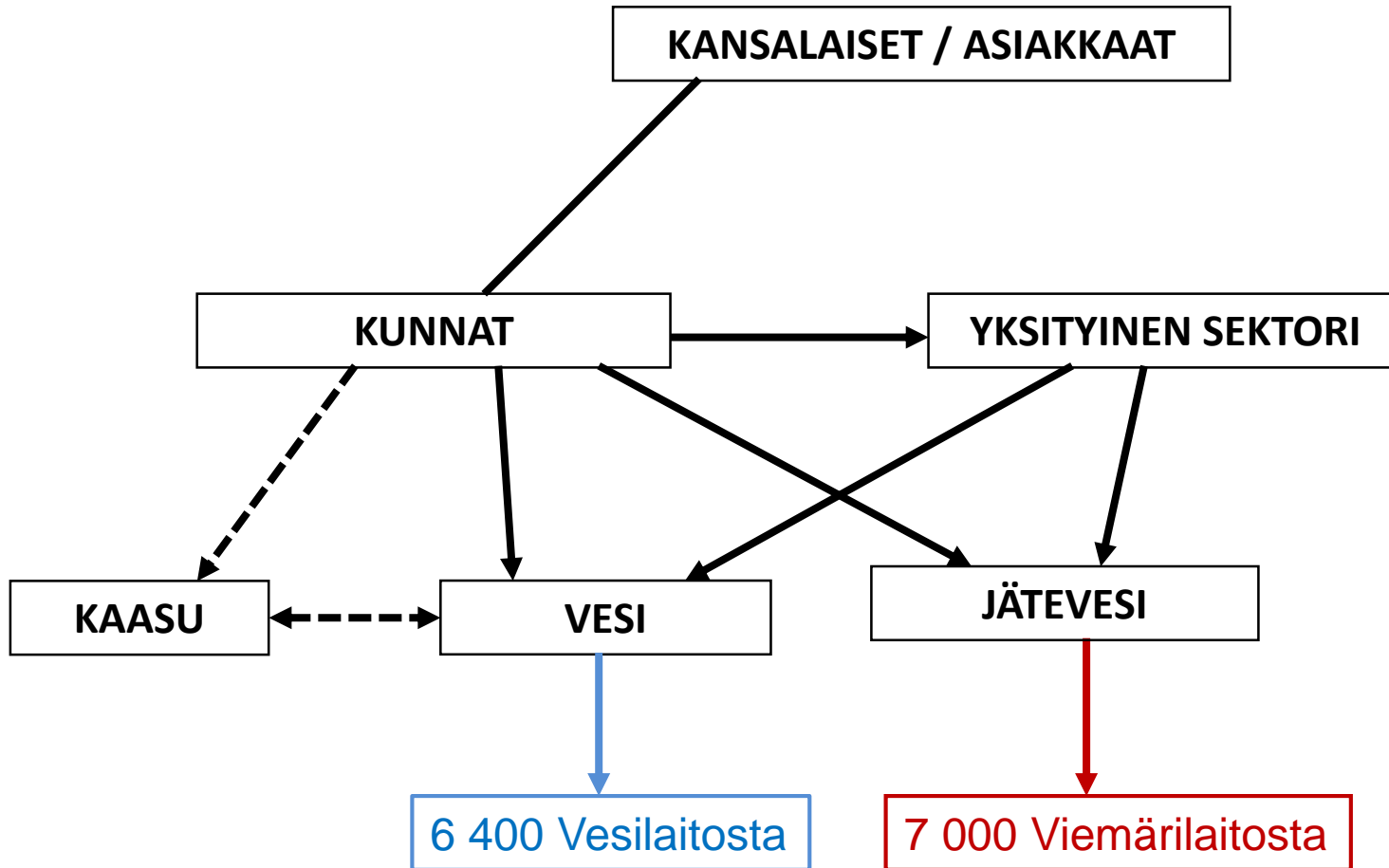


- mukana myös huviteollisuudessa



Société d'Aménagement Urbain et Rural = SAUR

# VESIHUOLTO SAKSASSA

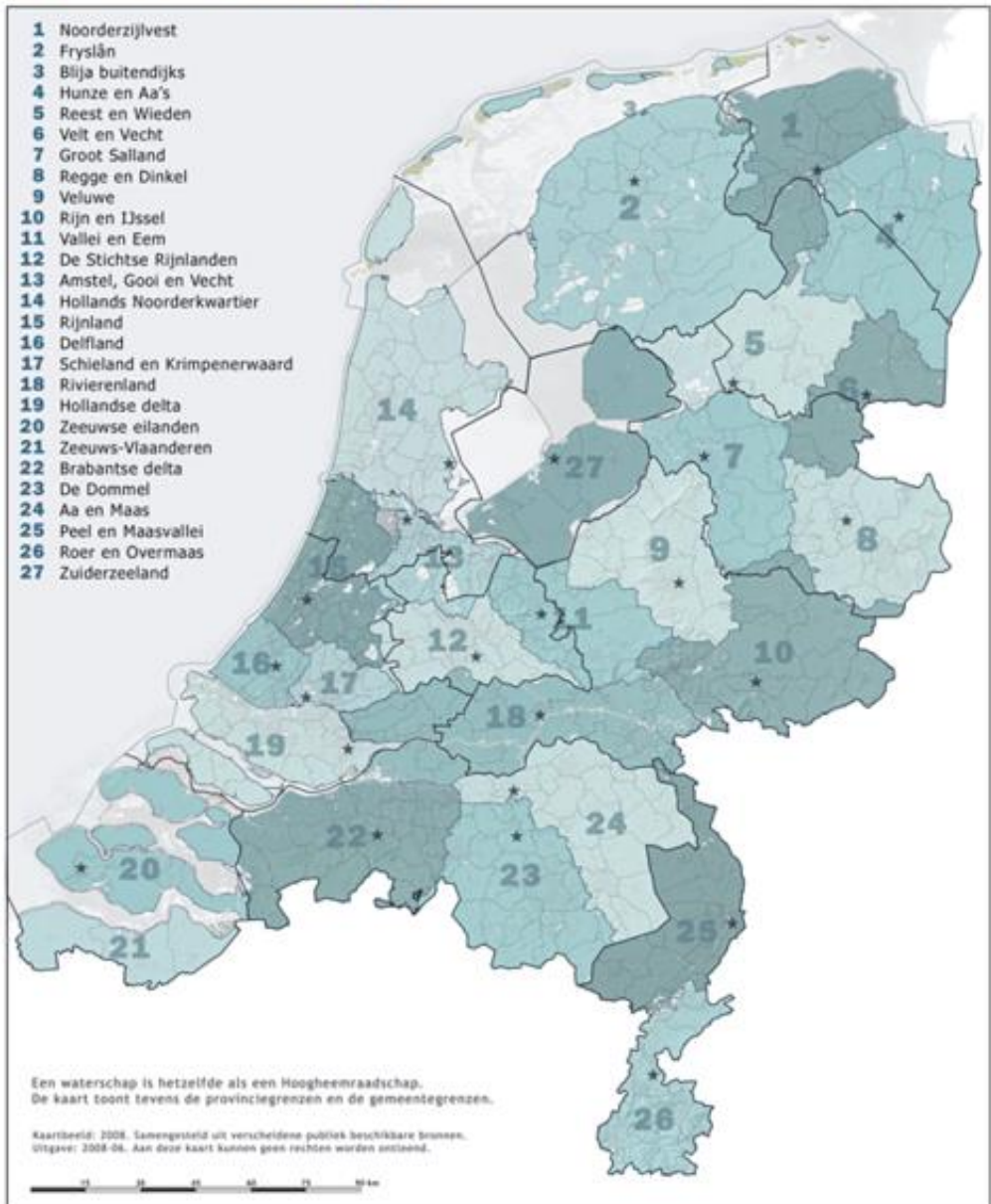


# HOLLANTI WATER BOARDS

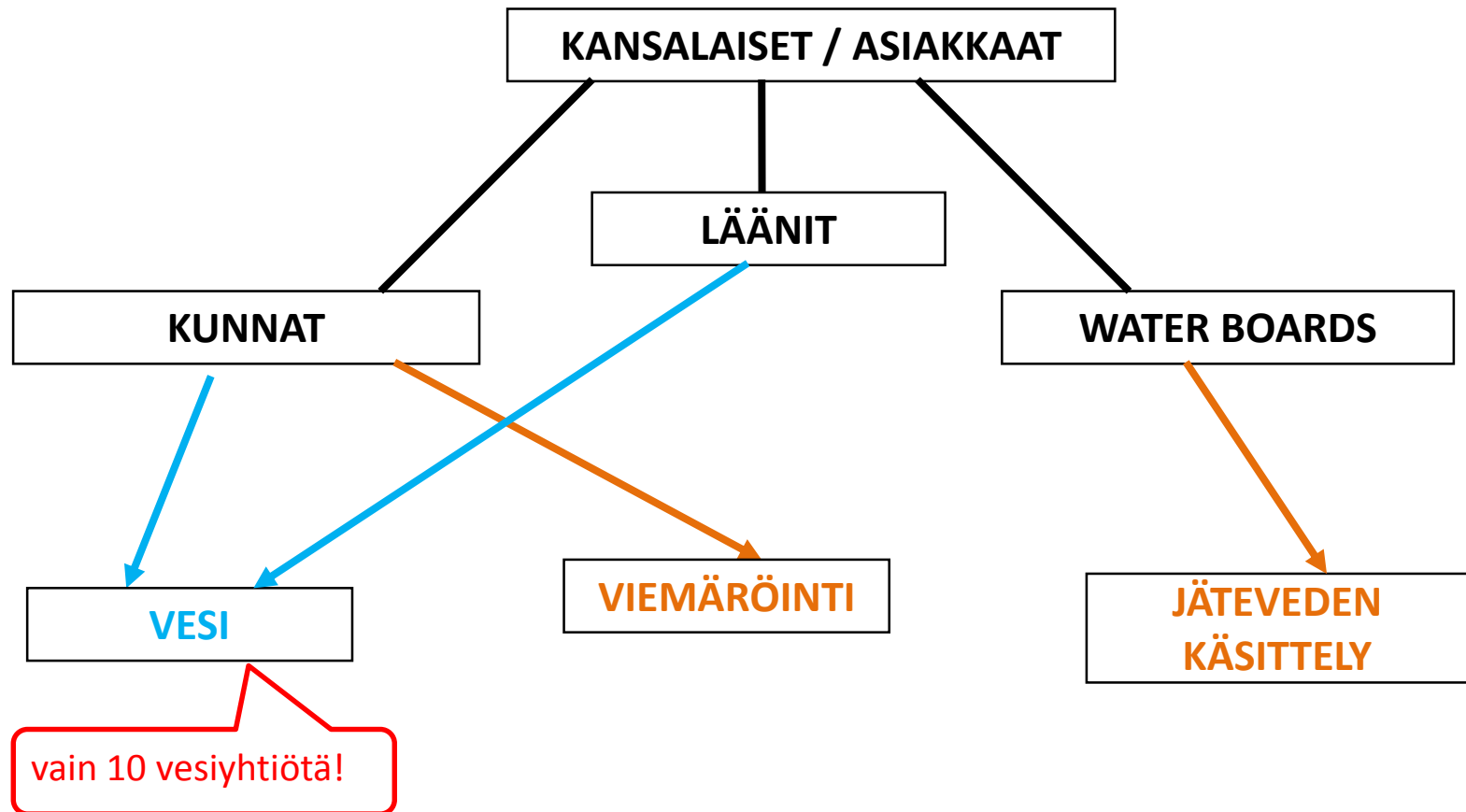
Kaksi kolmasosaa Hollannista  
kärsisi säännöllisesti tulvista  
ellei kuivatusjärjestelmiä olisi  
rakennettu



## 27 Waterschappen



# VESIHUOLTO HOLLANNISSA





**KANGASALA**



**2019**



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