

Hydro status of now

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original aim

- >> visualize the amount and use of water based on regions and their resources
- > regional differences?
- > how about global distribution?

process

available data:

- > Renewable freshwater
- > Freshwater withdrawal for use

! Many factors missed:

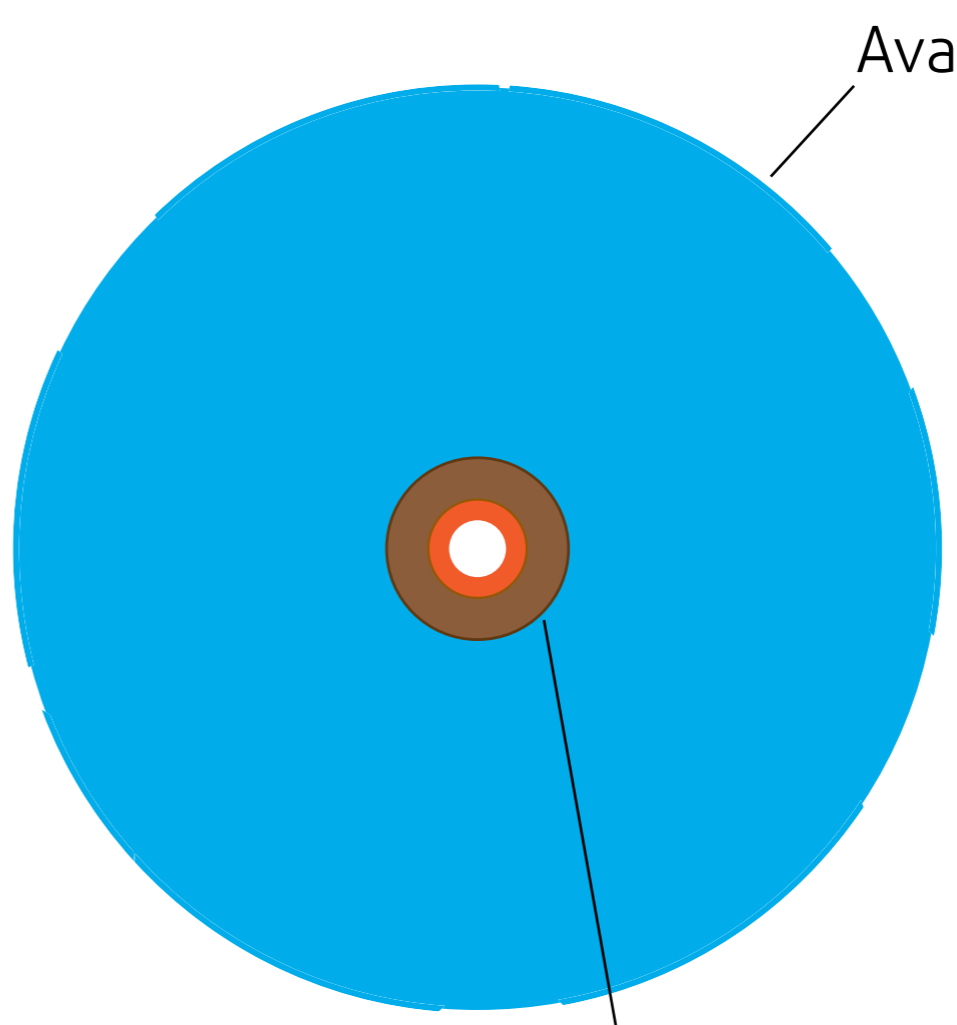
- > Political issues (e.g. Barcelona and Aragon, Israel and Gaza)
- > Whether available freshwater is accessible
- > Infrastructure

Availability – Consumption



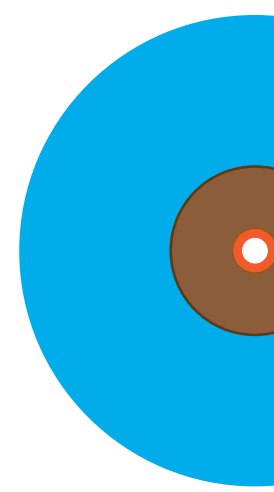
initial idea:

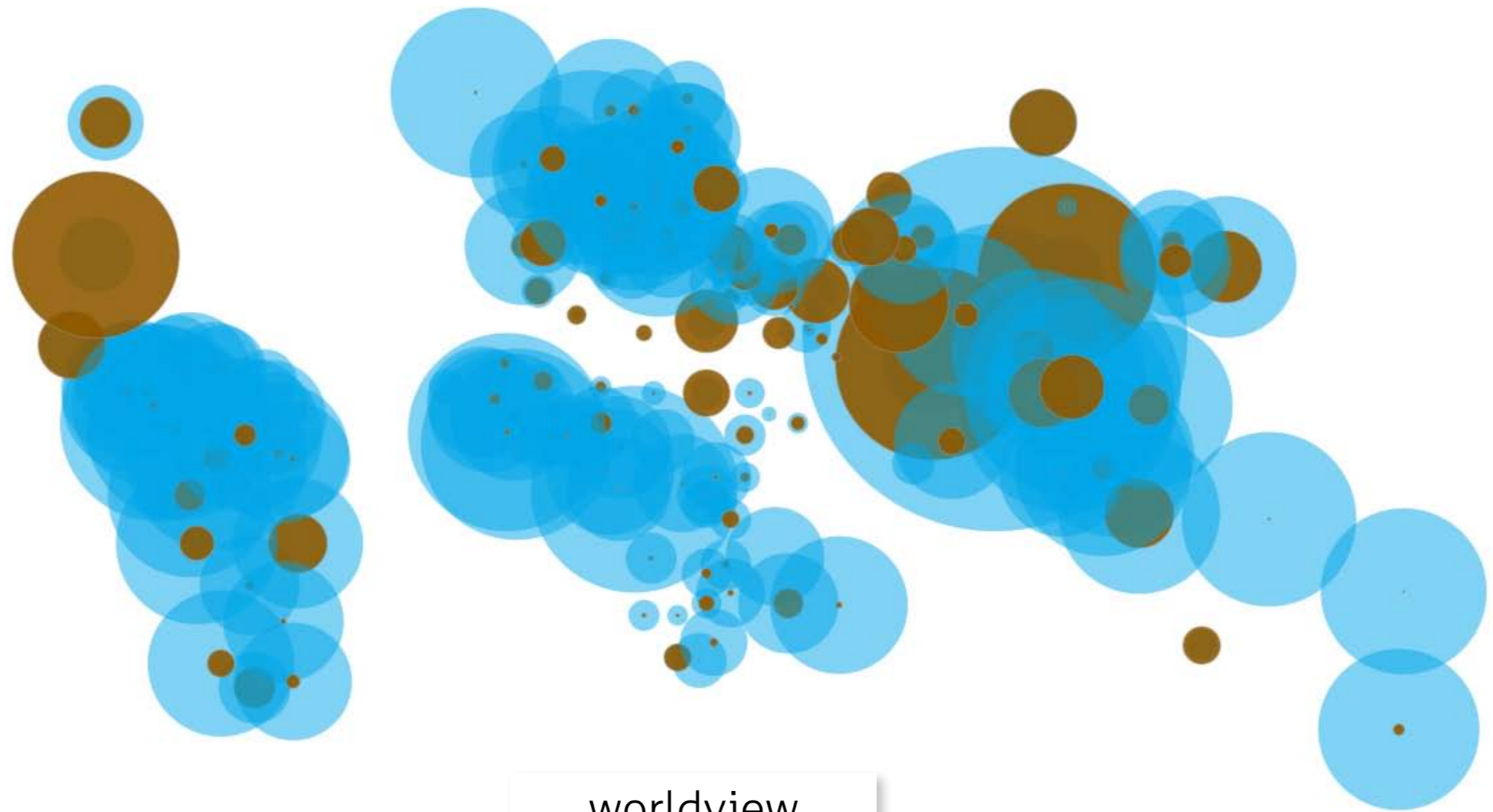
metaphorbased & designdriven



Availability

Consumption
divided by usage





worldview

visualisation \neq expectation

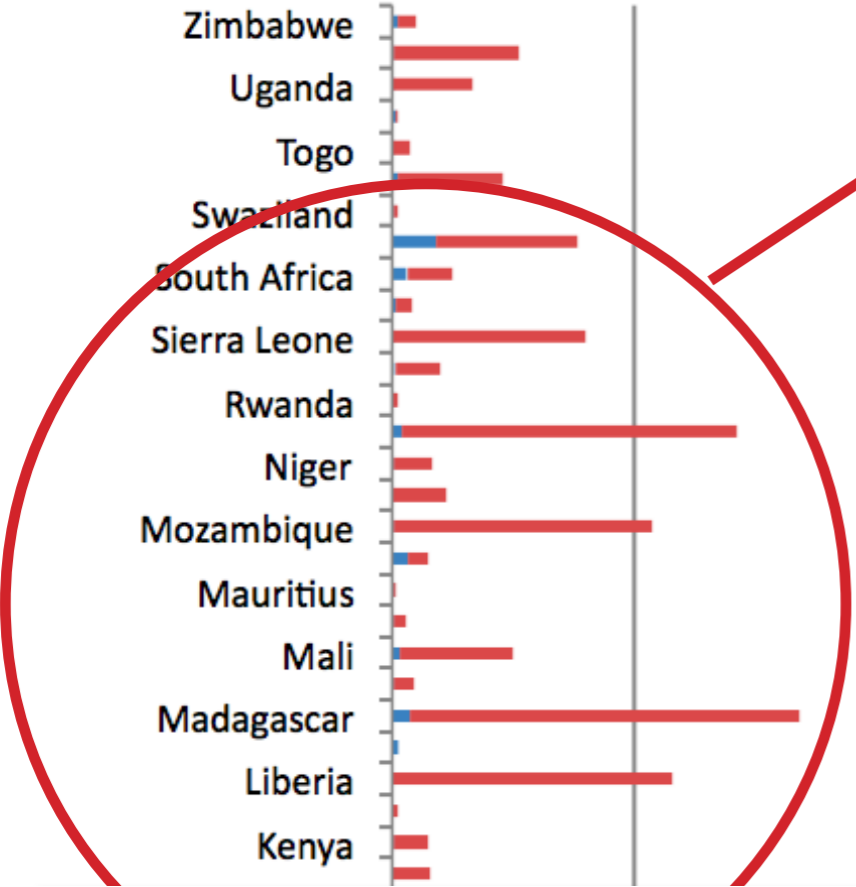
Why?

wrong data?

wrong perception?

wrong representation?

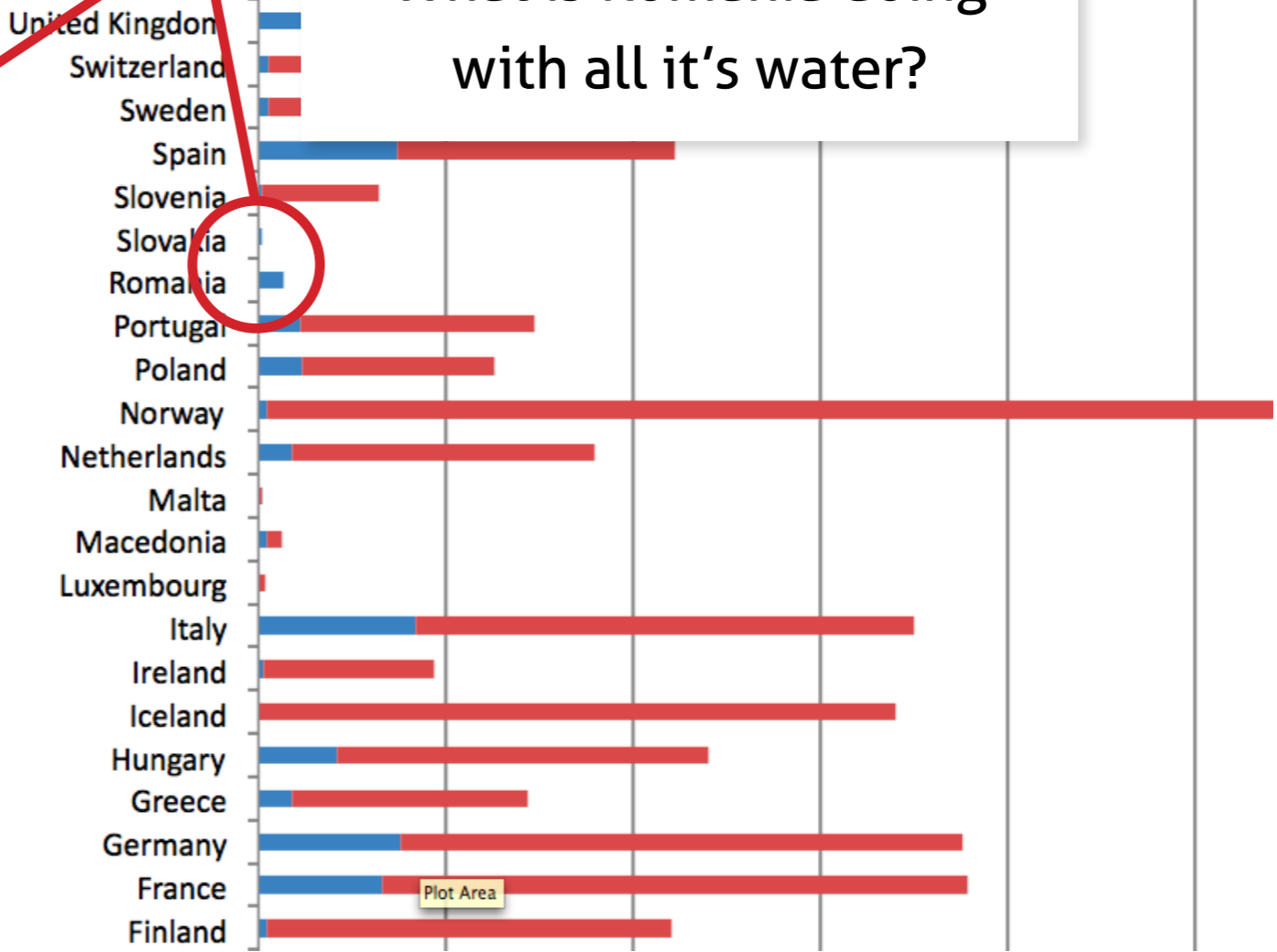
back to the data



a lot of african countries seem to have a lot of water

?

What is Romania doing with all it's water?



basic chart

total freshwater available (km³/year) total freshwater withdrawal (km³/year)

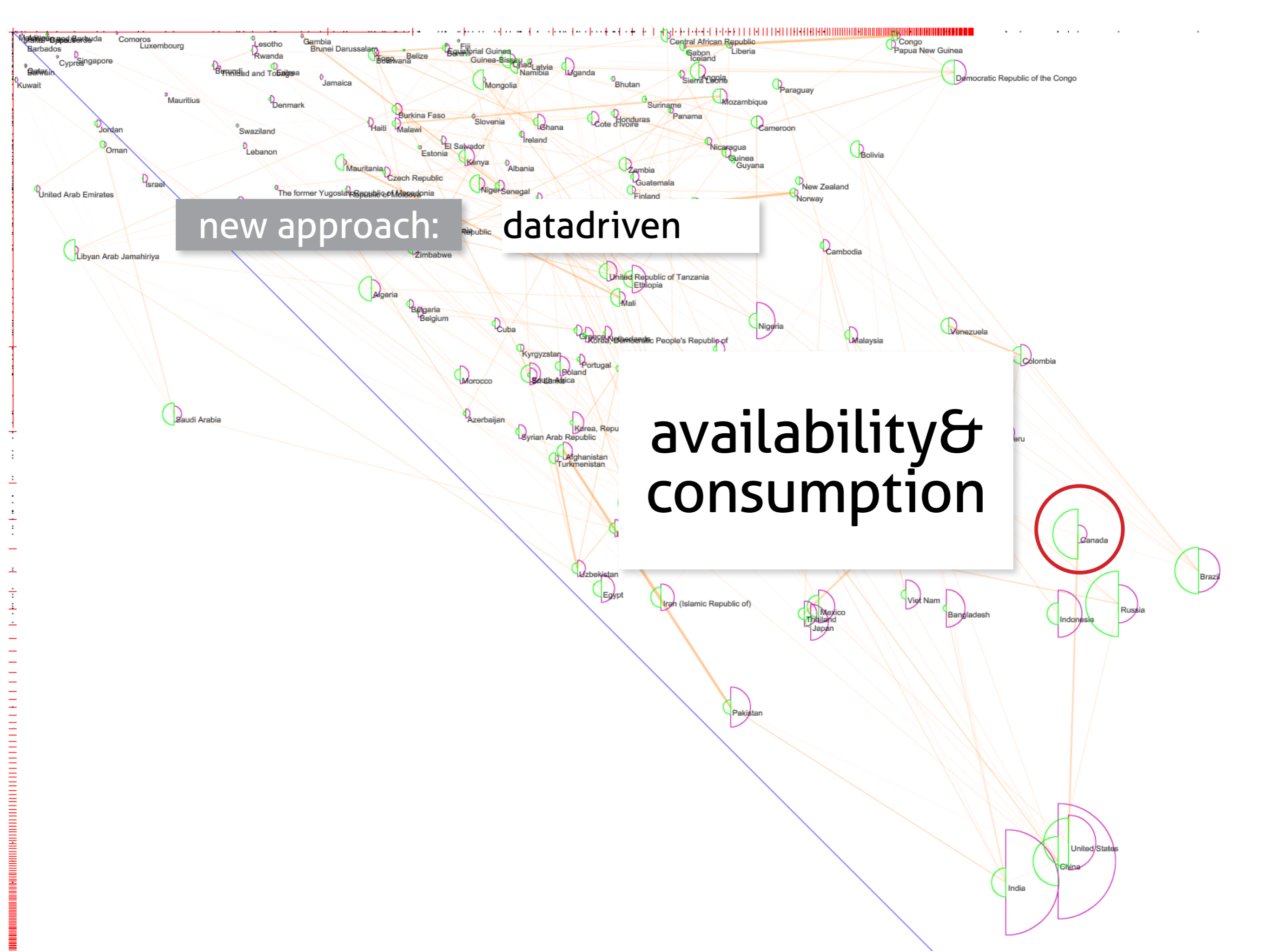


“The world’s water crisis is not related to the physical availability of water, but to unbalanced power relations, poverty and related inequalities.”

new approach:

datadriven

availability & consumption



Water scarcity can roughly be divided into two categories:

*„**apparent**“ scarcity exists when there is plenty of water, but is inefficiently and wastefully used;*

*„**real**“ scarcity is caused by insufficient rainfall or large populations depending on a limited resource.*