

## Multilevel Water Governance: lessons learned from Thailand

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Mainstreaming water security strategy into National Water Strategy by implementing AWDO framework, water productivity & water governance

Towards better water governance with coherence of multilevel water governance

## 1<sup>st</sup> level: National strategy 20 years (2018-2037)



recognized by the global community.

the Sufficiency Economy Philosophy.

• People embrace social responsibility with a focus on

sustainable public interest. All sectors uphold and follow



promote regional connectivity in terms of transport and

• The country has all of the necessary capital for continuous

development including human capital, intellectual capital,

logistics, production, trading, and investment.

financial capital, and so forth.

- People live in harmony and unity. Their lives are secured in terms of occupations, income, housing, as well as safety of life and property.
- The country has food, energy, and water resources security.

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## 2<sup>nd</sup> level: Master plans under national strategy (2018-2037)

Office of the National Economic and Social Development (NESDB)

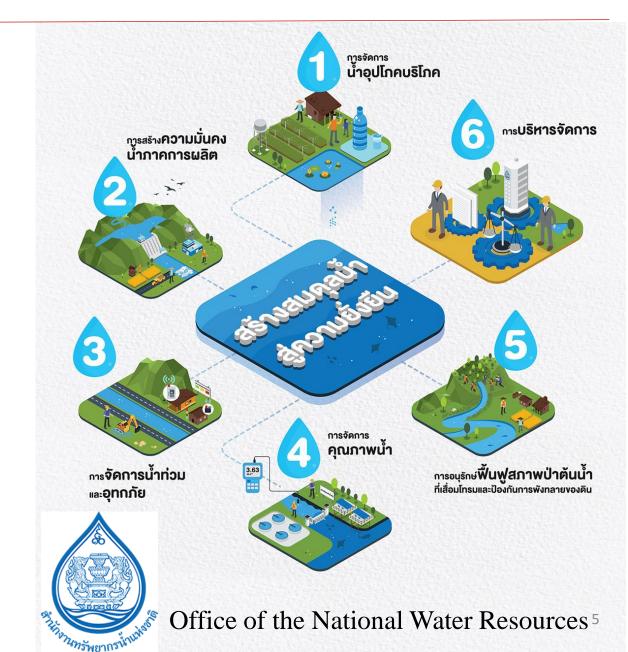


## 3<sup>rd</sup> level: Master plan on water resources management 20 years (2018-2037)

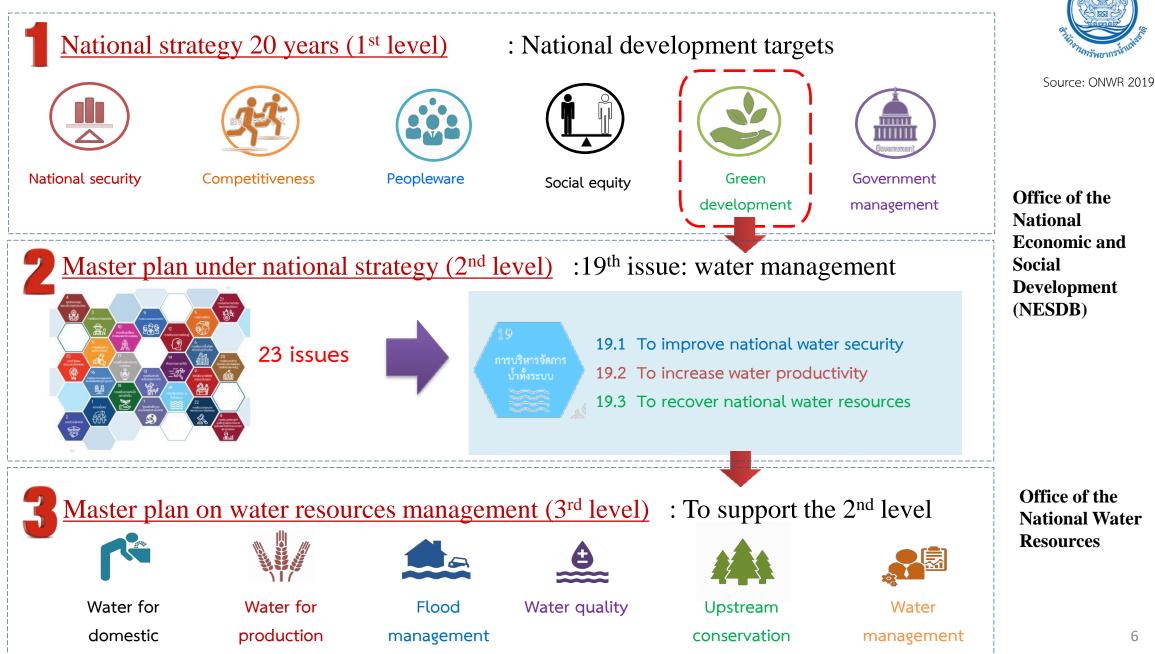
Office of the National Water Resources

# 6 water issues

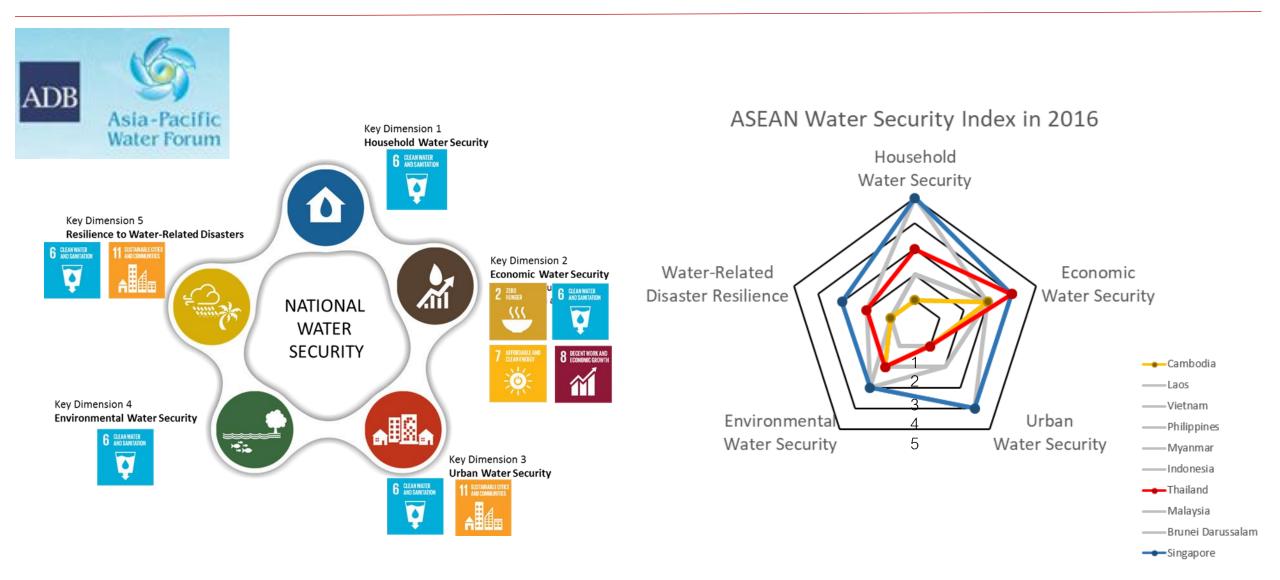
- 1. Water for domestic
- 2. Water for production
- 3. Flood management
- 4. Water quality
- 5. Upstream conservation: forest
- 6. Water management



Linkage of Water Security Strategy in Thailand Master Plans



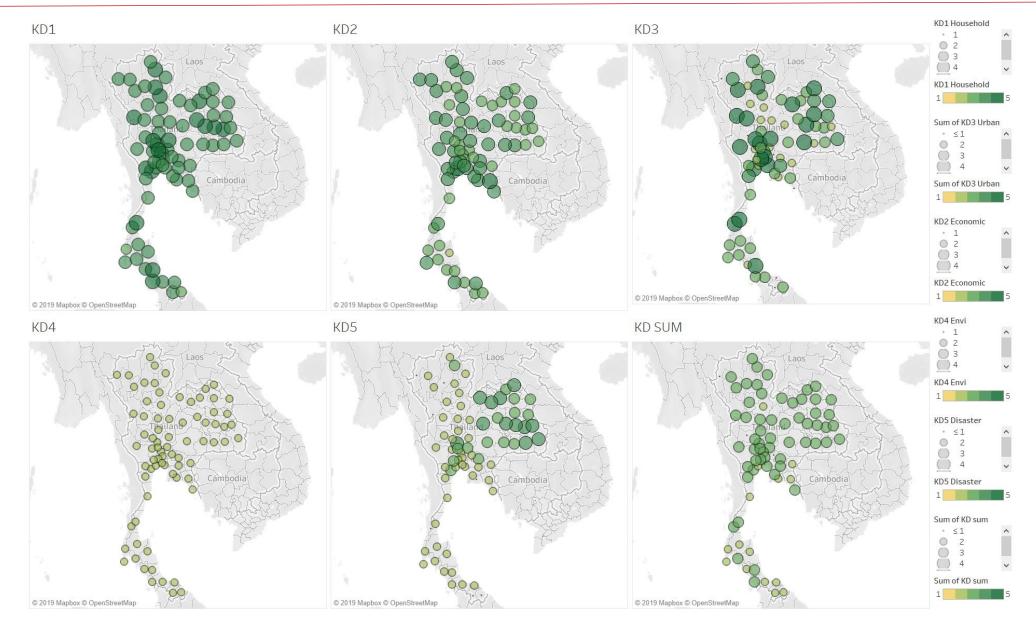
#### AWDO 2016 Framework: Tool for Dialogue and Development



#### Adapting AWDO 2016 Framework for Provincial Water Security Assessment



Ruangrassamee et al. (2019)

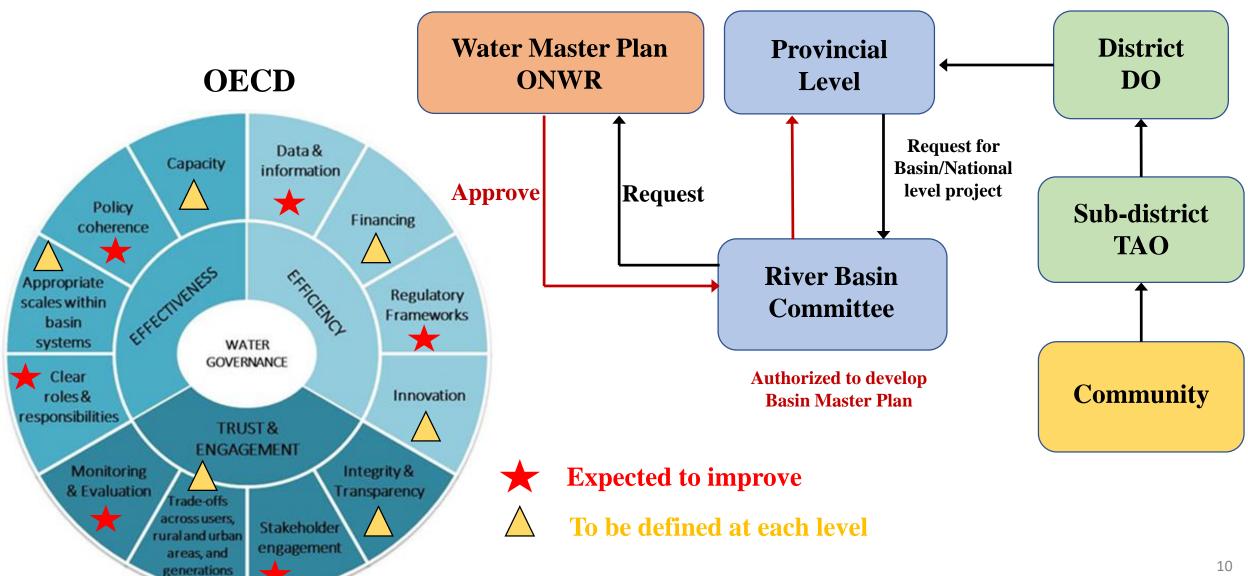




The National Water Resource Committee (NWRC) (2015) Office of the National Water Resources (ONWR) (October 2017)

Water Resources Law (2018)





### Lessons Learned



#### **Before Water Resources Law**

- Each agencies had its own way of managing water, management, governance, and goals.
- There are some good practice cases at each
  level for water governance (e.g. community
  irrigation management in northern region,
  etc.)

#### **After Water Resources Law**

- The role, responsibilities, policy coherence,
  early warning system, regulatory framework,
  stakeholder participation, evaluation are to be
  improved, standardized and more
  proactive.
- Capacity building, appropriate scale, tradeoffs, transparency, financing, and innovation are to be **defined and aligned** at each level within the time limit.



- Office of the National Economic and Social Development (NESDB), National Strategy (2018-2037)
- Office of the National Water Resources (ONWR), Master Plan on Water Resources Management (2018-2037)
- Thailand Water Resources Law (2018)
- OECD (2015), **OECD Principles on Water Governance**
- Ruangrassamee et al. (2019), Research Project on "Analysis of water security, water productivity and water-related disaster for water resources master plan", supported by Thailand Science Research and Innovation (TSRI)