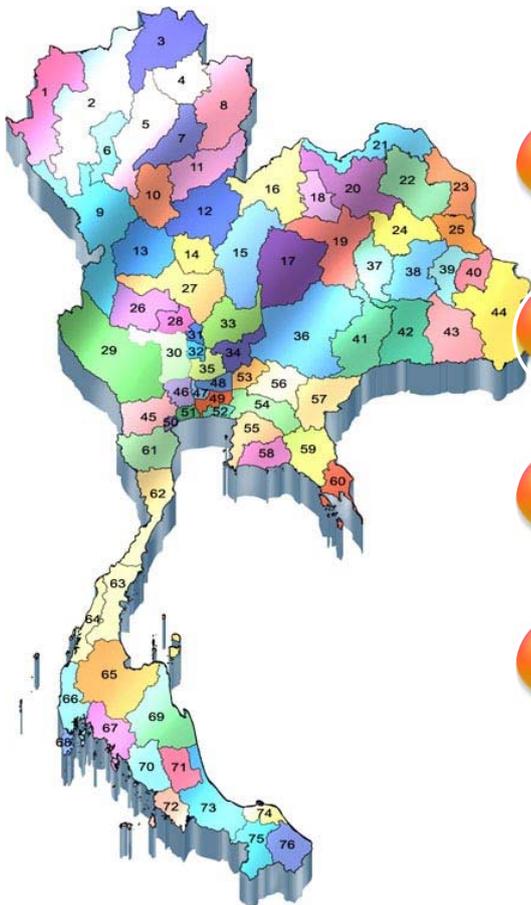




WATER SUPPLY IN THAILAND

From MDGs Toward SDGs

Mr.Pairoj SATTAYASANSKUL
Director, Thai Waterworks Association



76 Provinces



65,104,000 Populations



31 Millions live in Urban area

100% Served*



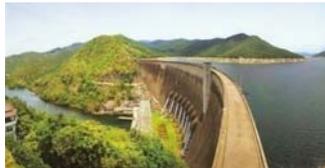
34 Millions live in Rural

87% Served*

* UN Asia Water Watch, 2015



Thailand Water Situation

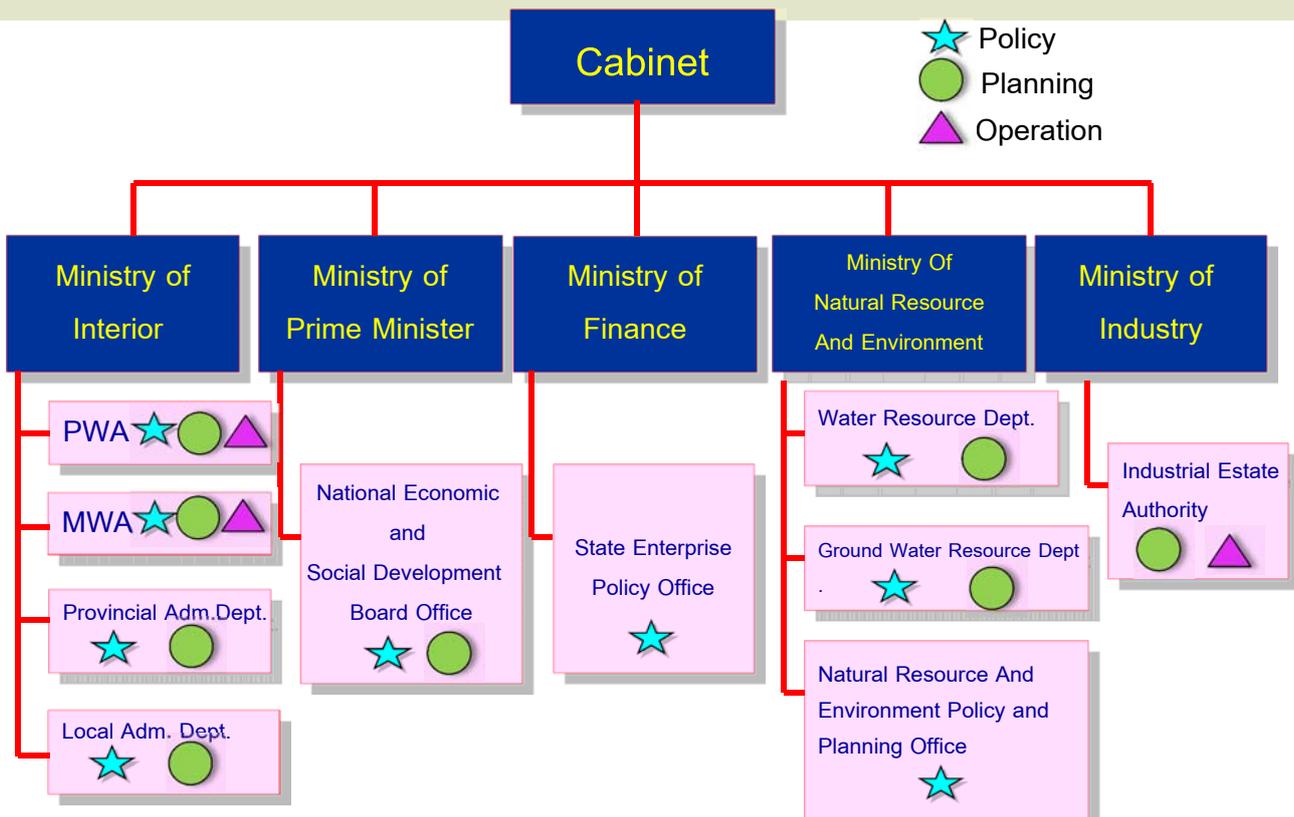


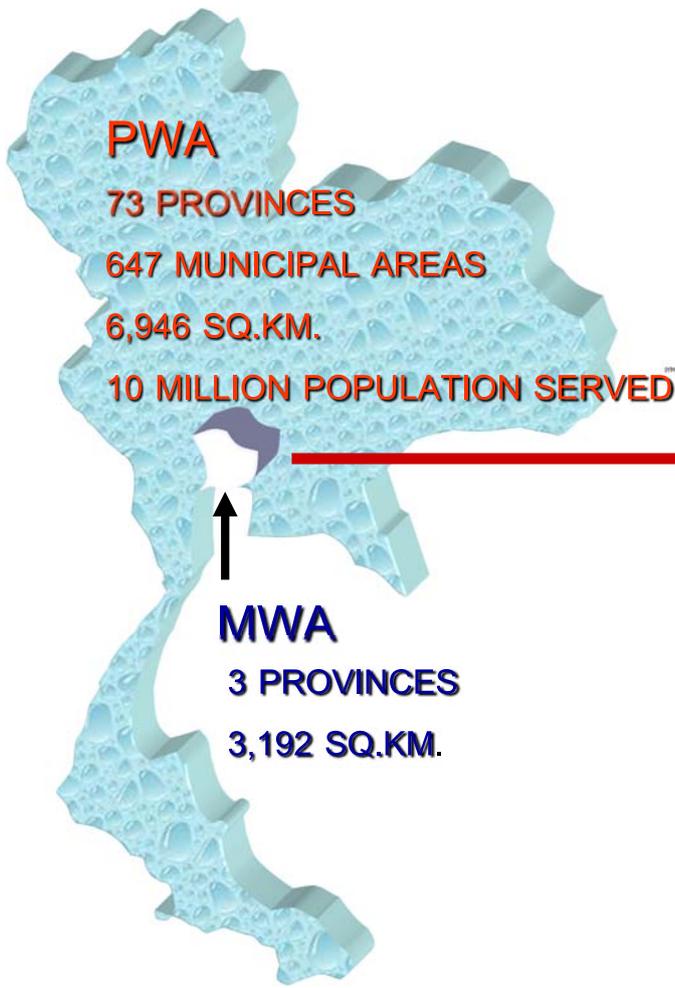
- Area 513,120 km²
- Water Basin 25 basins
- Average annual rainfall 1,573 mm,
- Water from rainfall 733,000 MCY
- Surface water (Runoff) 213,000 MCY
- Reservoir capacity 76,000 MCM
- Av. water/population 3,287 m³/person
- UN standard serious water shortage <1,000 m³/person

MCY - Million Cu.M. per year

MCM - Million Cu.M.

MAJOR AGENCIES CONCERNED - WATER SUPPLY IN THAILAND





GOAL 6



ENSURE AVAILABILITY AND SUSTAINABLE MANAGEMENT OF WATER AND SANITATION FOR ALL

SUSTAINABLE DEVELOPMENT GOALS

More at sustainabledevelopment.un.org/sdgsproposal



กรมประปานครหลวง
METROPOLITAN WATERWORKS AUTHORITY

MWA

STATISTICS & PROJECTS

Metropolitan Waterworks Authority (MWA)



Bangkok, Nonthaburi and
Samutprakarn



Totally 3,192 square
kilometers

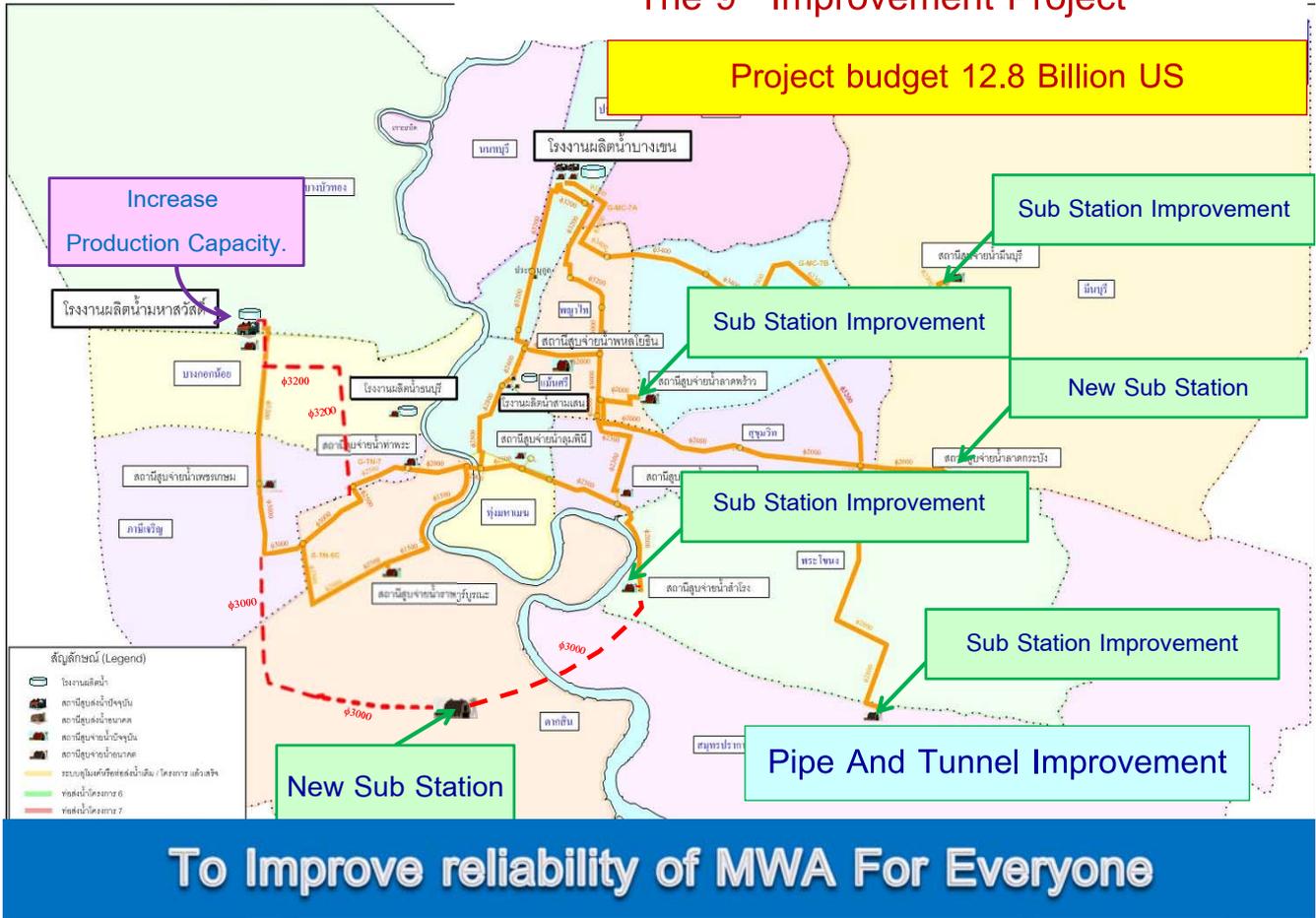


18 Branch offices



Served 2.1 million meters
(12 Million People)

The 9th Improvement Project



Seeking Cooperation from Municipalities

กรมประปา
METROPOLITAN WATERWORKS AUTHORITY

To provide MWA water services to everyone.



MWA project "MWA ONE for All"
Was awarded Mexico Water Prize 2015





Provincial Waterworks Authority (PWA)



5 regional , 10 areas ,
234 Waterworks

73 Provinces

served 3.7 Million
Connections

All Provincial City

PWA STATISTICS YR 2014

•NO. OF WATERWORKS	234
•NO. OF CONNECTIONS(MILL.)	3.7
MILL. PERSONS SERVED	~11.50
•NO. OF STAFF	6,458
•WATER PRODUCED (MCY)	704
•WATER SOLD (MCY)	474
•TARIFF RATE (BAHT/CU.M.)	10
•REVENUE (M.BAHT)	4,740

•

PWA DROUGHT TACKLE PLAN



**TO MAINTAIN
SERVICES**





PWA DROUGHT TACKLE PLAN

- Synchronize Data and Cooperate with RID
- Maintain services for all branches
- In case of Emergency only 13 PM to 7 AM period is allowable to reduce pressure.
- Fully Prepared Water Trucks for Emergency Shortage



Special Area and Private Sector



EastWater



Private Sector



Industry Area, IEAT



Company Limited



Surface Water & Ground Water

Thank you

