

Lessons learned from the use of SDG 6 Policy Support System (SDG-PSS) to accelerate progress towards SDG 6

Status of SDG 6 and use of SDG-PSS in Regional Hub countries and beyond



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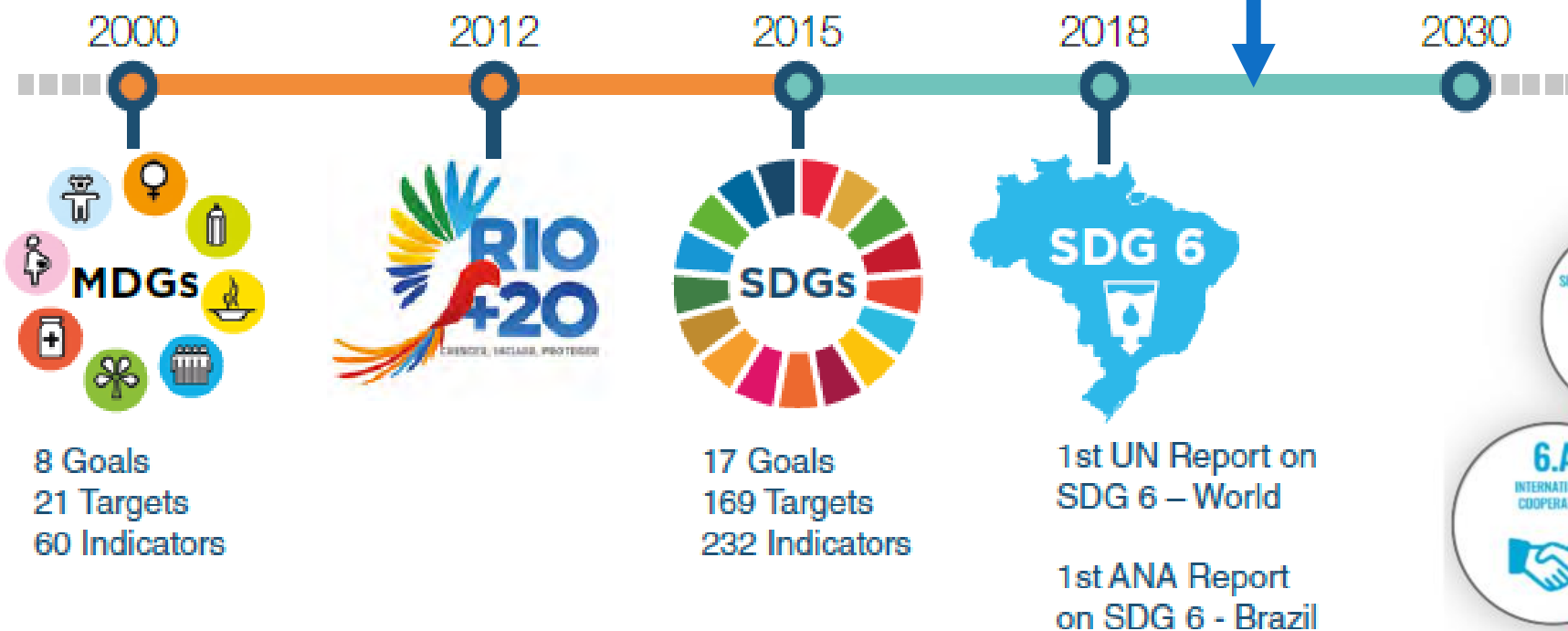
1. Brazil's first contact - SDG-PSS

- 2018 (monitoring process) and 2019 (ANA's publication) - ANA-Brazil and SDG 6
- 2020 - online course and participation in the Regional Workshop in Costa Rica

*Good impression about the tool's potentiality –
generating evidence and scenarios*



Timeline: In 2020 moving to update, filling gaps and integration of other institutions in the calculation of SDG6 indicators for Brazil

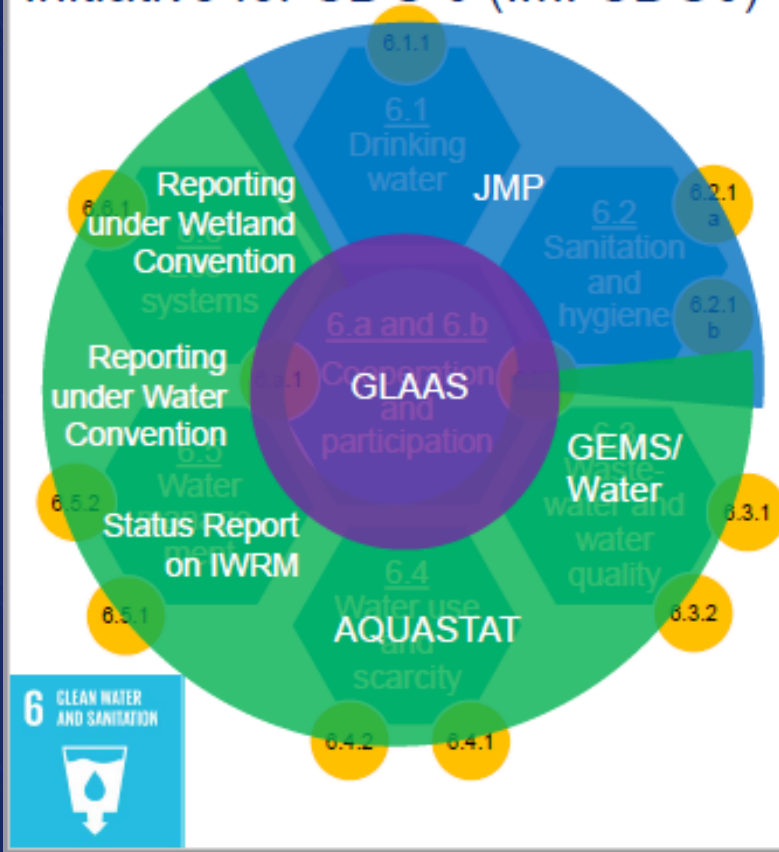


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UN-Water Integrated Monitoring Initiative for SDG 6 (IMI-SDG6)

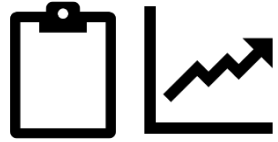


6.1.1	Safely managed drinking water services (WHO, UNICEF)
6.2.1	Safely managed sanitation services and hygiene (WHO, UNICEF)
6.3.1	Wastewater safely treated (WHO, UN-Habitat, UNSD)
6.3.2	Good ambient water quality (UNEP)
6.4.1	Water use efficiency (FAO)
6.4.2	Level of water stress (FAO)
6.5.1	Integrated water resources management (UNEP)
6.5.2	Transboundary basin area with water cooperation (UNECE, UNESCO)
6.6.1	Water-related ecosystems (UNEP, Ramsar)
6.a.1	Water- and sanitation-related official development assistance (WHO, OECD)
6.b.1	Participation of local communities in water and sanitation management (WHO, OECD)

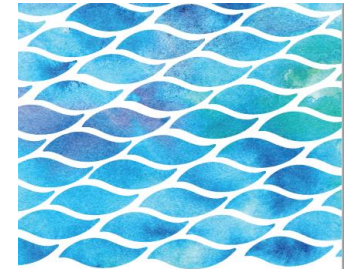
ANA is the focal point in Brazil for most of SDG6 indicators

In some topics, the Agency is working integrated with the Brazilian Institute of Geography and Statistics, Ministry of Healthy, Ministry of Regional Development and the Brazilian Geological Survey

Workflow for Monitoring of SDG6 Water Resources Indicators



Indicators databases: SDG Custodian agencies, UNSD, ILAC, AQUASTAT, etc



SDG 6 IN BRAZIL
ANA'S VISION OF THE INDICATORS



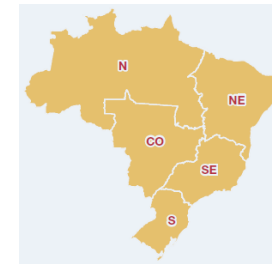
Different Territorial groups adopted to present the indicators results



Nacional Water Resources Information System (SNIRH)



Environmental-Economic Accounting System (SEEA-W)



Hydrographic Division

Divisions based on river basins, surface water-bodies and domain definitions



Water Quantity

Rainfall, water availability, quantity monitoring and reservoirs



Water Quality

Quality indicators and quality monitoring



Water Uses

Total consumption demands, urban water supplies, irrigation and hydropower



Balance

Critical segments and basins, quantity balance, quality balance and quality-quantity balance



Critical Hydrological Events

Critical events and situation rooms



Institutional

Basin committees and agencies



Planning

Water resource plans and water quality objectives



Regulation, Inspection Oversight

Regulation, permits and water use charges



Program

Water Producer, Prodes and Progestão

6.1
ÁGUA POTÁVEL
PARA TODOS



6.2
SANEAMENTO
PARA TODOS



6.3
MELHORAR A
QUALIDADE DA ÁGUA



6.4
USO EFICIENTE
DA ÁGUA



6.5
GESTÃO
INTEGRADA
DOS RECURSOS
HÍDRICOS



6.6
PROTEGER E
RESTAURAR
ECOSSISTEMAS



6.A
COOPERAÇÃO
INTERNACIONAL



6.B
APOIAR E FORTALECER
A PARTICIPAÇÃO LOCAL



Indicador 6.1.1 - Proporção da população que utiliza serviços de água potável geridos de forma segura no Brasil em 2017 (%)

97,2%

Indicador 6.2.1 - Proporção da população que utiliza serviços de esgotamento sanitário geridos de forma segura, incluindo instalações para lavar as mãos com água e sabão no Brasil em 2016 (%)

63,5%

Indicador 6.3.1 - Proporção de águas residuais tratadas de forma segura no Brasil em 2016 (%)

50,0%

Indicador 6.3.2 - Proporção de corpos hídricos com boa qualidade da água no Brasil em 2015 (%)

69,3%

Indicador 6.4.1 - Alterações na eficiência do uso da água no Brasil em 2015 (R\$/m³)

76,5
R\$/m³

Indicador 6.4.2 - Nível de Stress Hídrico: Proporção entre a retirada de água doce e o total dos recursos de água doce disponíveis do país em 2016 (%)

1,57%

Indicador 6.5.1 - Grau de implementação da gestão integrada de recursos hídricos no Brasil em 2016 (escores 0 a 100)

53,8

Indicador 6.5.2 - Proporção de bacias hidrográficas e aquíferos transfronteiriços abrangidos por um acordo operacional de cooperação em matéria de recursos hídricos no Brasil em 2010 (% da área)

72,7%

Indicador 6.6.1 - Alteração dos ecossistemas aquáticos ao longo do tempo no Brasil em 2015 (%)

10,3%

Indicador 6.a.1 - Montante de ajuda oficial ao desenvolvimento na área de água e saneamento, inserida num plano governamental de despesa em 2016 (milhões de dólares)

105,0
milhões US\$

Indicador 6.b.1 - Proporção de unidades administrativas locais com políticas e procedimentos estabelecidos visando à participação local na gestão da água e saneamento no Brasil em 2017 (%)

49%

95,1% (2018)

63,4% (2018)

51,9% (2018)

77,45% (2018)

22,6 USD (2018)

1,76% (2018)

63,1 (2019)

61,8% (2020)

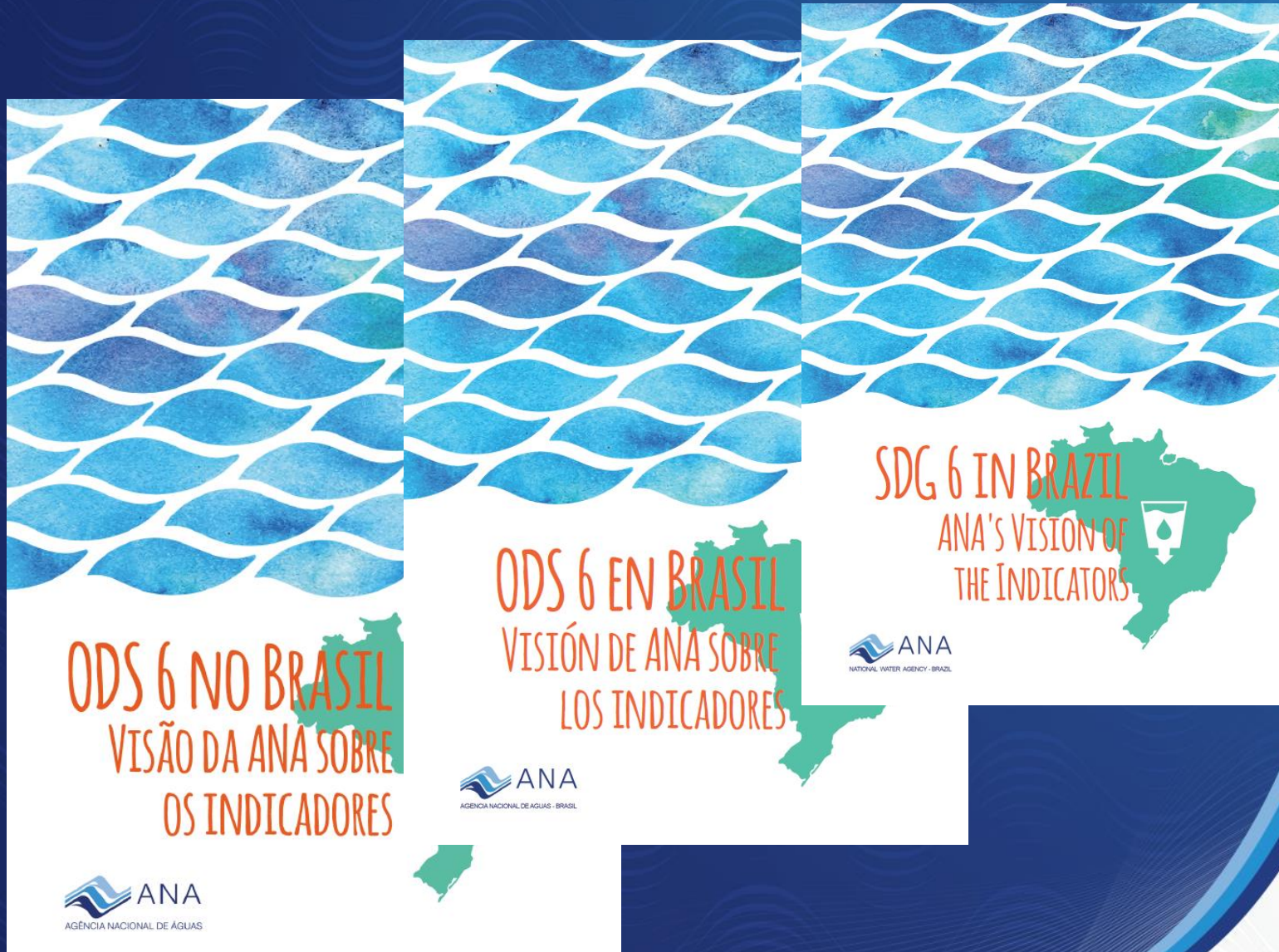
Indicators updated in 2020



AGÊNCIA NACIONAL DE ÁGUAS
E SANEAMENTO BÁSICO

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Link:

<https://www.ana.gov.br/acesso-a-informacao/institucional/publicacoes/ods6/ods6>

(reports and dashboards)



Target 6.4: By 2030, substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity and substantially reduce the number of people suffering from water scarcity

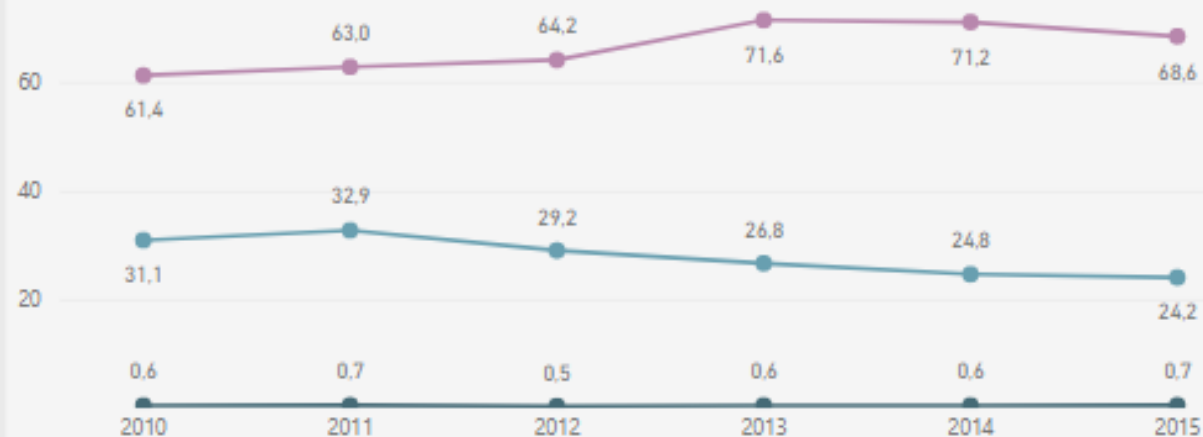
Indicator 6.4.1 - Change in water-use efficiency over time (U\$/m³)

Indicator 6.4.1 for Brazil (em U\$/m³)



Indicator 6.4.1 by economic sector in Brazil (em U\$/m³)

Setor ● Agriculture and Livestock ● Industry ● Service



Target 6.4: By 2030, substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity and substantially reduce the number of people suffering from water scarcity

Indicator 6.4.2 - Level of water stress: freshwater withdrawal as a proportion of available freshwater resources (%)

Indicator 6.4.2 for Brazil (%)



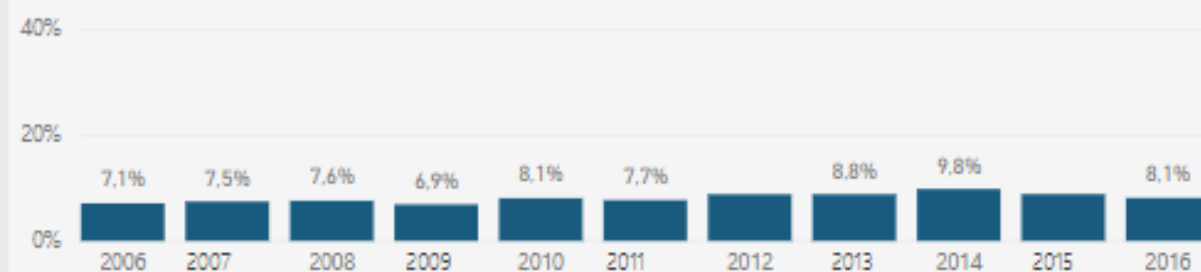
Indicator 6.4.2 by Hydrographic Region (%)

Choose an Hydrographic Region below to see its indicator:

Hydrographics Regions

Southeast Atlantic Region

Hydrographics Regions ● Southeast Atlantic Region



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2. Brazil's future expectation - SDG-PSS

- Tool's Implementation and use in 2021 in Brazil
- Partnership to expand the SDG-PSS implementation to the Community of Portuguese Language Countries (CPLP) in 2021 - nine countries, including Brazil



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Thank you!