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## JICA's Major Projects for Wastewater Treatment from 2000



# JICA's Major Projects for Wastewater Treatment from 2000 (2000-2017)

## **EUROPE**

## TURKY

▲ Municipal Sewerage and Wastewater Treatment Improvement Project (2011)

## UKRAINE

▲ Bortnychi Sewage Treatment Plant Modernization Project (2015)

## MIDDLE EAST

## IRAQ

- ▲ Baghdad Sewerage Facilities Improvement Project (Engineering Service (E/S)) (2009)
- Sewerage Construction Project in Kurdistan Region (1) (2015)

## PALESTINE

Jericho Wastewater Collection, Treatment System and Reuse Project (2011)

## LATIN AMERICA

## BRAZIL

- Project for Improvement of Operation and Maintenance of Water Supply and Sewerage Systems in Parana states (2012-2015)
- Project of Training in Operation and Maintenance of Sewerage System (2014 - 2017)
- ▲ Sanitation Improvement Project for Baixada Santista Metrop.REG. (1), (II) (2004,2010)
- ▲ Sanitation Improvement Project for Santa Catarina Coastal Region (2010)
- ▲ Environmental Improvement Project in the Basin Lake Billings (2010)

## **OCEANIA**

## **PAPUA NEW GUINEA**

- The Project for Improvement of Management Capacity for Port Moresby Sewerage System (2017-2020)
- ▲ Port Moresby Sewerage System Upgrading Project (2010)

## **AFRICA**

- MAURITIUS
- ▲ Grand Baie Sewerage Project (2010)
- SENEGAL
- Project for Treatment of Sewage, Rainwater and Wastes in Kaolack City (2011-2014)

## **SOUTH ASIA**

## INDIA

- The Study for Formulation and Revision of Manuals of Sewerage and Sewage Treatment (2010-2014)
- ▲ Yamuna Action Plan Project (II), (III) (2003, 2011)
- ▲ Ganga Action Plan Project (varanasi) (2005)
- ▲ Bangalore Water Supply and Sewerage Project (II-1),(II-2) (2005, 2006)
- ▲ Orissa Integrated Sanitation Improvement Project (1), (II) (2007, 2016)
- ▲ Guwahati Sewerage Project (2015)

## PAKISTAN

The Project for Upgrading of Mechanical System for Sewerage and Drainage Services in Gujranwala (2014)

## **SRI LANKA**

- The Project for the Strategic Master Plan under Sewerage Sector (2015-2017)
- ▲ Kandy City Wastewater Management Project (2010)

## CAMBODIA

• The Study on Drainage and Sewerage Improvement Project in Phnom Penh Metropolitan Area (2014-2016)

## INDONESIA

- Advisor for Sewage Management (2012-)
- Project for Improving Planning Capacity for Sewerage System in DKI Jakarta (2015-2017)
- ▲ Denpasar Sewerage Development Project (II) (2008)
- ▲ Metropolitan Sanitation Management Investment Program: Engineering Service (E/S) for Sewerage System Development in DKI Jakarta (2014)

## VIETNAM

- Hoi An City (2015)
- Advisor for Urban Environment

- 2008, 2016)
- ▲ Southern Binh Duong Province Water Environment Improvement Project (I), (II) (2007, 2012)







#### PANAMA

 Panama Metropolitan Area Wastewater Management Improvement Project (2015-2018) A Panama City and Panama Bay Sanitation Project (2007)



The Project for Water Quality Improvement for Japanese Bridge Area in

- Project for Capacity Development on Sewerage Management in Ho Chi Minh City Phase1 and Phase2 (2009-2014)
- (Sewerage) Policy (2010-2013, 2015-2019)
- Technical Assistance Project for Enhancing Management Capacity of Sewage Works (2016-2019)
- ▲ Ho Chi Minh City Water Environment Improvement Project (I-III) (2001, 2003, 2010) ▲ Hai Phomg City Environment Improvement Project (2005)
- ▲ 2nd Hanoi Drainage Project for Environmental Improvement (1) (2006)
- ▲ 2nd Ho Chi Minh City Water Environment Improvement Project (I-III) (2006,
- ▲ Hanoi City Yen Xa Sewerage System Project (1) (2013)