

AEROBIC GRANULAR SLUDGE TECHNOLOGY

INTRODUCTION **Aerobic Granular Sludge (AGS)** is the modern standard for wastewater treatment. In a public private partnership in The Netherlands a full-scale application of AGS was developed, that is now worldwide applied - the Nereda® technology . Wastewater treatment plants using this AGS technology are up to four times smaller than traditional installations, consume only up to half the energy and require no chemicals for the treatment process.

World Water Academy is the leading training institute for water management in the Netherlands and abroad. We develop and organise training courses for water professionals from vocational to academic level. Our courses are well known for its quality, technical knowledge and actual water know-how combined with practical experiences. The Nereda® Academy is a cooperation between Royal HaskoningDHV and the World Water Academy to disseminate the Aerobic Granular Sludge knowledge and practical experience.

- GOAL**
- Understand the process principles and key-characteristics of Aerobic Granular Sludge technology
 - Learn how to apply Aerobic Granular Sludge in wastewater treatment schemes
 - Learn to prepare high-level process designs for Aerobic Granular Sludge plants

- CONTENT**
- Introduction to the technology, its development, history and current state-of-art
 - Aerobic Granular Sludge process principles
 - Design of Aerobic Granular Sludge plants
 - Operation of Aerobic Granular Sludge through the eye of plant operator
 - Comparison with other common wastewater treatment technologies
 - Site visit (depending on course location)

TRAINERS Our trainers are experienced

INFORMATION For more information or registration please contact
www.worldwateracademy.nl
info@worldwateracademy.nl



TARGET GROUP

WASTE WATER EXPERTS

ENTRY LEVEL

WELL FAMILIAR WITH AEROBIC SLUDGE TECHNOLOGIES

DURATION

1 DAY

PARTICIPANTS

PROCESS ENGINEERS
 CONSULTANTS
 CLIENT SERVICE MANAGERS

COSTS

DEPENDING ON THE LOCATION
 INCLUDING LUNCH AND
 COURSE MATERIAL
 EXCLUDES ACCOMMODATION AND TRAVEL
 EXPENSES

CONDITIONS

MINIMUM 5 PARTICIPANTS
 MAXIMUM 15 PARTICIPANTS

COUNTRIES

AUSTRALIA, PORTUGAL,
 SOUTH AFRICA ,THE NETHERLANDS,
 UNITED KINGDOM, UNITED STATES
 OF AMERICA



NEREDA® ACADEMY

The number of international applications of the Nereda® technology, world's first technology using the features of Aerobic Granular Sludge for industrial and municipal wastewater treatment, is rapidly growing. To support the global breakthrough of this Dutch technology, Royal HaskoningDHV and World Water Academy have established a global Nereda® Academy. Royal HaskoningDHV delivers substantive contributions and experienced trainers. World Water Academy designs programs with best educational methods and monitors the quality.

The Nereda® Academy is providing a wide range of courses and modules on different levels. Each module is customized with specific learning objectives for the target group and appropriate materials for the specific Nereda® application and configuration, the end user and the country. Visiting and exchanging knowledge at full-scale installations is an integral part of the programs.

Available training courses include:

- o Aerobic Granular Sludge Technology
- o Aerobic Granular Sludge Design
- o Nereda® Operational Excellence
- o Nereda® Commissioning & start-up

