SCHWANDER POLSKA

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SCHWANDER POLSKA

Company Schwander Polska exists since 2004 r. With more than 46 executed WWTPs we work across the global economy. Our clients are remarkably diverse: large and small, private and public, for-profit and nonprofit.

We offer complete solutions – starting from the concept, through design documentation, ending with the construction of the plant.
We offer WWTPs based on innovative MBR technology.

01

CONCEPT

Prepared by experienced team of highly trained professionals

02

DESIGN

Harmonious integration into the landscape, without the necessity to create prohibited zones

03

CONSTRUCTION

Turn-key WWTPs

Fully automated

Monitored remotely

MBR WWTP LEADER

We have extensive experience in design, construction works and technological equippment of MBR (Membrane Biological Reactor) wastewater treatment plants. We offer „turn-key” projects. We design municipal and industrial WWTPs.

Our experienced team of designers and process engineers specialising in all design and executive branches is our greatest asset. We have 3 teams of fully-trained professionals, consisting of over 30 experienced designers.

We offer our assistance at each stage of preparation and execution of the project.

DESIGN & CONSTRUCTION

We design and construct WWTPs in legally protected areas as well as in the historically important aereas under restorers supervision.

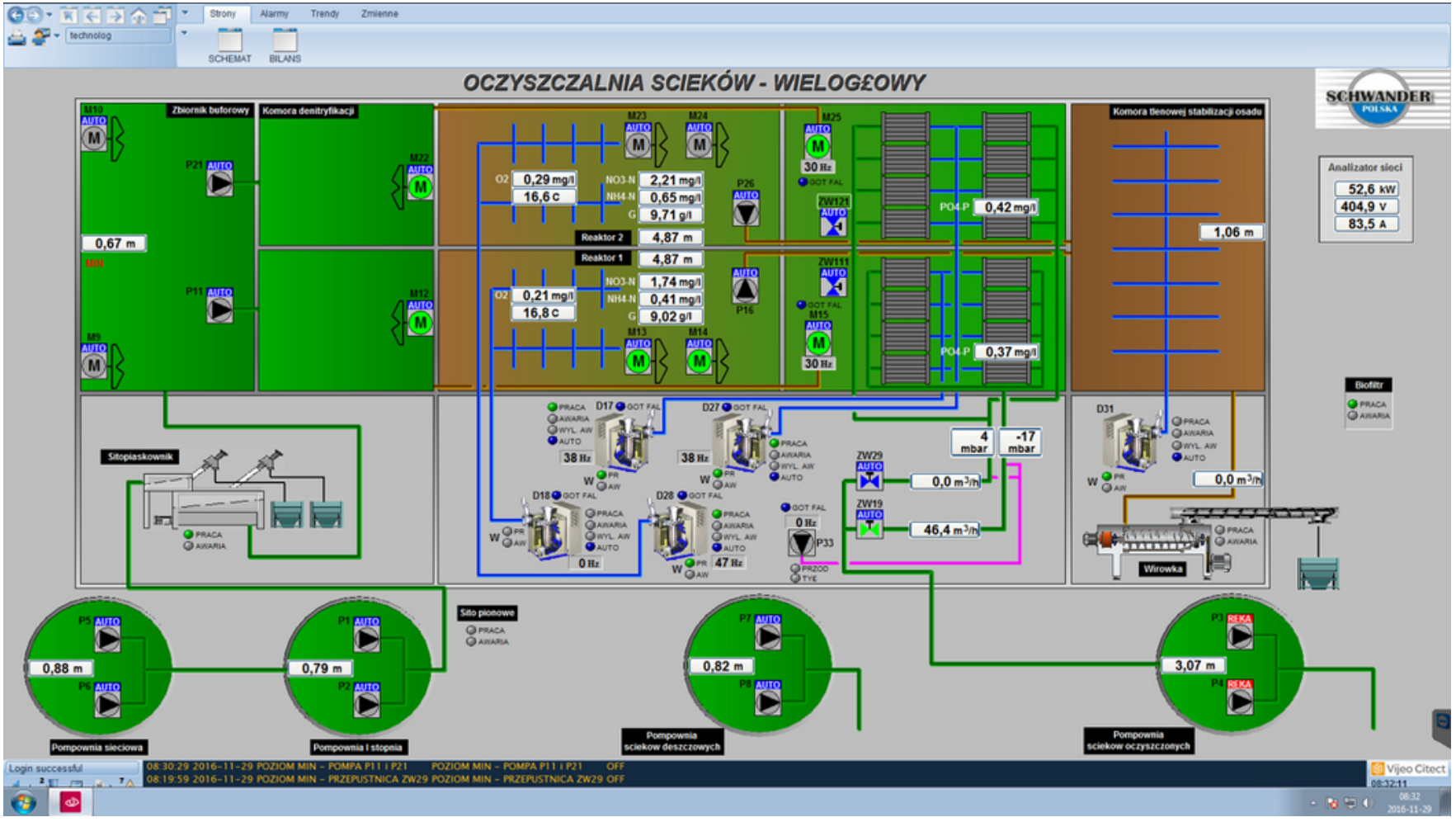
OUR RESEARCH

In cooperation with the supplier of membrane modules we carry out research projects aiming at:

SCHWANDER® POLSKA

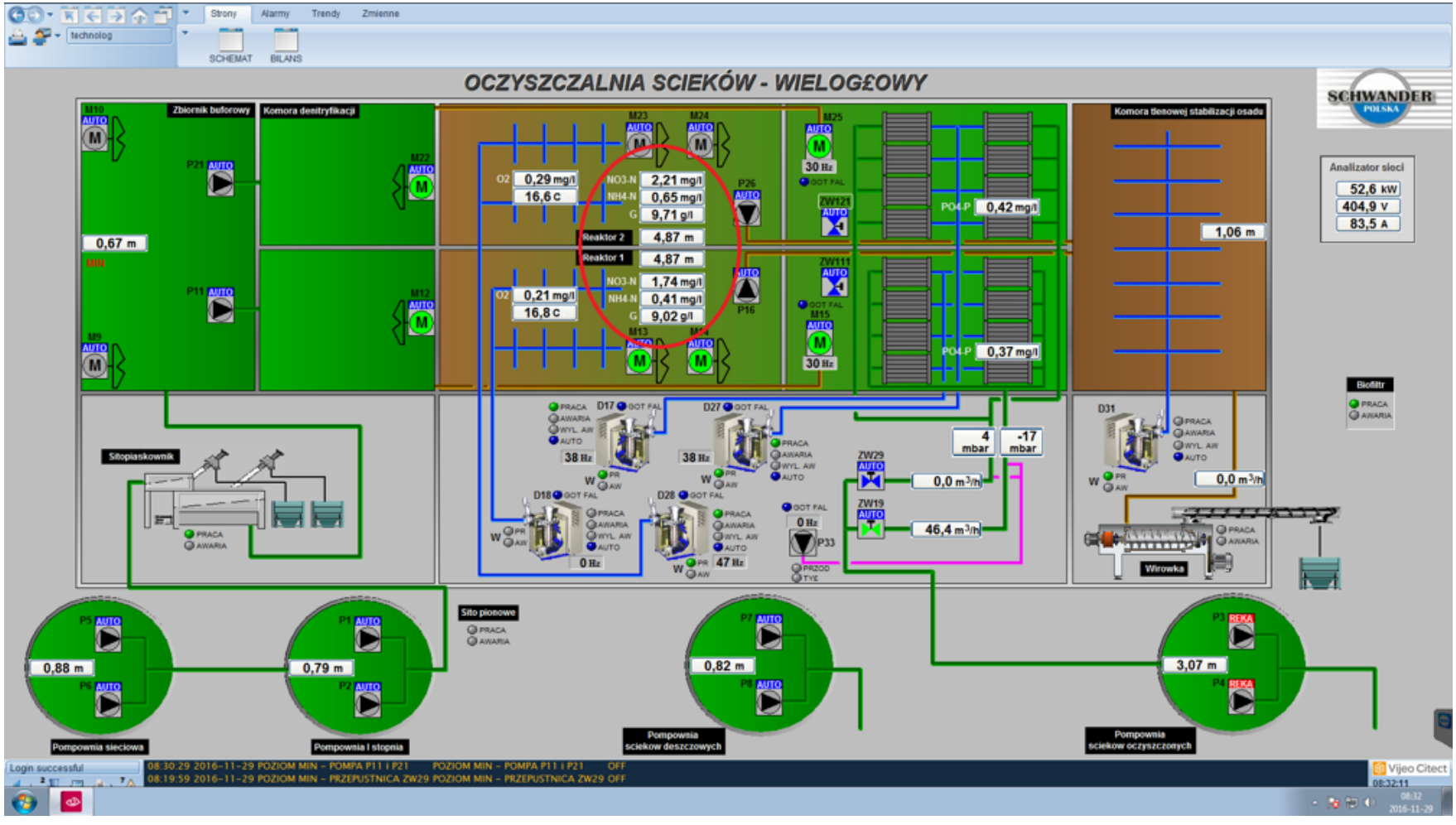
1. Minimizing the energy consumption for membrane modules cleaning by about 40%
2. Minimizing the consumption of the chemicals used for membrane modules chemical cleaning
3. Optimization of biochemical processes

WWTP 20 800 PE



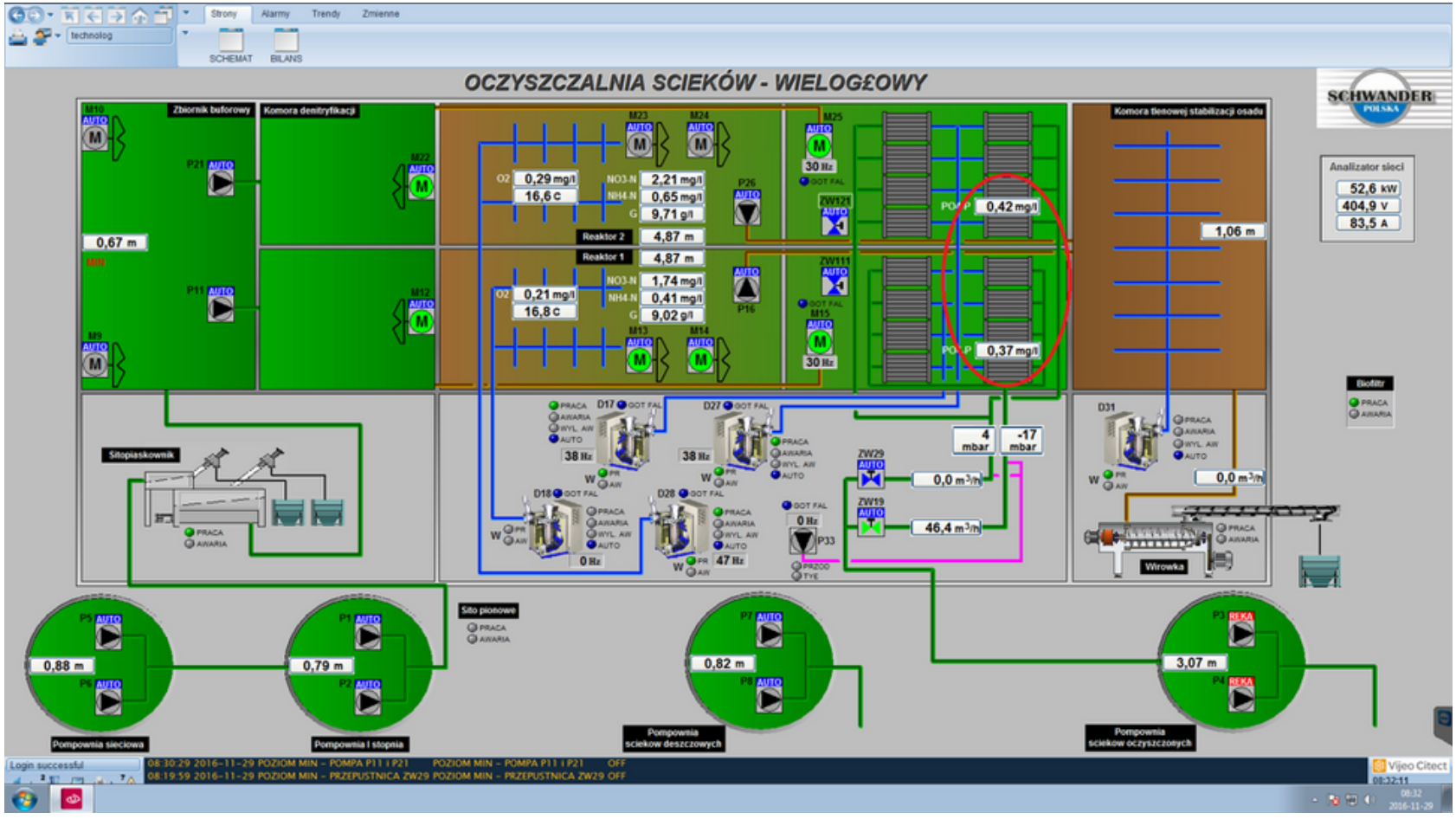
Control system of the WWTPs can be operated remotely using the computer or smartphone with Internet connection from each place in the world.

WASTEWATER TREATMENT PLANTS



Nitrification and denitrification optimization module uses on-line NH4-N and NO3-N measurements to calculate the required aeration in current conditions and mixing time.

WASTEWATER TREATMENT PLANTS



Chemical phosphorus precipitation real time optimization module uses the PO4-P measurement and flow measurement (phosphate load) to estimate the optimal coagulant dose to achieve the required PO4-P concentration in the effluent.

EXPERIENCE AND RELIABILITY

180 000 PE

12 000 m3/d

TOTAL CAPACITY
OF EXECUTED PROJECTS

Over the
last 5 years

10 000 m3/d

TOTAL CAPACITY
OF EXECUTED PROJECTS

Only over the
last 2 years

46

NEW MBR WWTPS

Until now

PASSION

INNOVATION

HOW WE WORK

We work collaboratively with clients, communities and end users to create WWTPs that work well on every level, inside and out.

We deliver them across European markets with a consistently high standard of service.

HOW WE WORK

VISUALISATIONS

SCHWANDER®
POLSKA

EXECUTED MBR PROJECTS

SCHWANDER®
POLSKA

01 A BETTER WORLD

Innovative and reliable technology ensures the most effective wastewater treatment

02 CUSTOMISED DESIGN

Sustainable design is producing the right outputs and results that matter to our clients

03 ODOUR-FREE

Our WWTPs are fully hermetic and deodorised, therefore there is no need to create prohibited zones

04 MINIMISED USE OF CHEMICALS

Low operating costs, no detrimental effect on environment

MEMBRANE TECHNOLOGY CENTER

A dynamic growth and increased interest in membrane technologies have inspired Schwander Polska to open in 2017 a new research center - Membrane Technology Center, which will be headquatered at the new head office of the company.

THANK YOU FOR YOUR ATTENTION

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