ecoreadybath

ADJUSTING THE PRODUCTION MODEL

Project implemented by Procyon Construction S.A. under the National Recovery Plan

KRAJOWY PLAN ODBUDOWY

Rzeczpospolita Polska

Sfinansowane przez Unię Europejską NextGenerationEU

PROCYON Construction

Starting point

As the scale of operations increased, the existing production model ceased to provide predictability, stability and full control over the process.
With growing volumes and increasingly demanding market requirements, further development required not incremental improvements, but a comprehensive redesign of the production approach as a whole.

Decision

The decision to change the production model was strategic in nature.

The project implemented under the National Recovery Plan was not the trigger for this change – it was the tool that enabled its execution at the required scale and pace.

The objective was to design a process that:

- is scalable,
- ensures repeatability and quality control,
- reduces material and energy losses,
- meets long-term market requirements.

Redesigning the process from the ground up

The greatest challenge of the project was not the technology itself, but designing the entire sequence of operations in a coherent and predictable way.

Instead of optimising individual stages, the R&D team analysed the process as a whole, identifying areas with the greatest impact on:

- material consumption,
- energy consumption,
- production quality and stability.

The result is a systemically designed process, rather than a collection of independent solutions.

Scope of changes

The project includes the implementation of robotic and automated production stages aimed at:

- increasing operational repeatability,
- improving control over process parameters,
- reducing the number of corrections and losses,
- enhancing workplace safety and ergonomics.

The changes are being implemented in stages, during the plant's normal operations.

Environmental impact of the project

The environmental effects of the project are a direct result of changing the production process.

The assumed outcomes include:

- approximately **17%** reduction in CO_2 emissions,
- reduction of waste by approximately **20 tonnes per year**,
- energy savings of approximately **75 MWh per year**.

These values result from the assumptions of the project implemented under the National Recovery Plan.

Effects beyond environmental objectives

The redesign of the production model also delivers significant business benefits:

- the ability to further scale production,
- more stable and predictable quality,
- greater control over the process,
- better preparedness for future customer and international market requirements.

The process change strengthens the company's competitiveness in the long term.

Production in Stargard

The project is being implemented in Stargard, at the production facility of Procyon Construction S.A.
It demonstrates that modern, responsible production processes can be developed locally, with international markets and long-term regional development in mind.

EcoReadyBath – product brand of Procyon Construction S.A.

One of the outcomes of the project is the development of production capabilities used within EcoReadyBath, a brand owned by Procyon Construction S.A.

Under this brand, prefabricated bathrooms are manufactured for B2B customers, in particular investors, general contractors and partners delivering residential and hotel projects.

The change in the production model strengthens the **EcoReadyBath** brand in terms of:

- delivering projects at a larger scale,
- maintaining stable and repeatable quality,
- meeting the high requirements of international markets,
- reducing environmental impact at the production stage.

EcoReadyBath is an example of how investment in process directly translates into product value and competitive advantage.

Procyon Construction S.A.

Project implemented under the National Recovery Plan

ERB
ecoreadybath

Procyon Construction SA
Metalowa 13, 73-110 Stargard, Poland
VAT PL8542407067 | KRS 0000537067
WWW.ERB-PODS.COM

KRAJOWY PLAN ODBUDOWY
Rzeczpospolita Polska
Sfinansowane przez Unię Europejską NextGenerationEU
PROCYON Construction