

Date: 24/11/2025

Table des matières

Insert the name here 2

Technical Competency Centre

Innovation Report

Company

Waagner Biro Bridge Gulf LLC

Author(s)

Emad Soliman

Instructions (what is the structure of this report)

Services excellence is the objective of our O&M Signature approach.

Name: Add the Name of the Innovation

Images: Add 2 images of the innovation

Project Manager(s): Add your information here

Activity: Add your information here

O&M themes: Add your information here

Target Beneficiaries: Add your information here

Description of the context: Describe the original problem you intend to solve.

Description of the solution: Describe the solutions main characteristics of the solution

Technical prerequisites (to set up the solution): Are there any special technical needs we need to cover in order to implement?

Innovation Maturity Level: Select the level of maturity of the innovation

List Benefits/Gains: Select the principal benefit that will be perceived

Comments: List specific benefits that are expected from the implementation

Investment Initial (Total €): Describe the costs and amounts, implementation, maintenance, etc.

Key Partner(s): Name of the company and the Link or Describe the domain

Intellectual property: Select if the company has a type of intellectual property

Results: After implementation, what were the outputs?

Next steps: List any next steps for continuous improvement

Is it Populated/Published: Innovation hub (link): Is it published? If yes, just add the link

Business model

List Benefits/Gains: Select an item.

Comments: List specific benefits that are expected from the implementation

Investment Initial (Total €): Describe the costs and amounts, implementation, maintenance, etc.

Key Partner(s): Name of the company and the Link or Describe the domain

Intellectual property: Select an item.

Results: After implementation, what were the outputs?

Next steps: List any next steps for continuous improvement

Is it Populated/Published: Innovation hub (link): Is it published? If yes, just add the link

How to insert a new report table

1. Right Click in the table

2. Left Click, Copy

3. Insert a New Page

4. Left Click, Paste

When finished, update the contents table:

Contents

Name of the solution

Name of the solution

EXECUTIVE SUMMARY

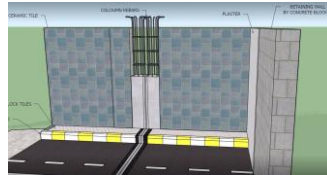
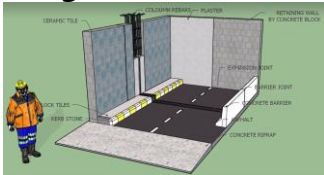
Innovation Maturity Level:

Medium, Testing Stage, not available in the market -> (4-6)

Name of the innovation

Technical Competency Centre

Images



Costs & Savings

Main Benefit:

Costs & time Savings

Comments:

Insert your information here

Insert any comments you consider pertinent or useful.

Investment (Total €):	26,500.00€
Set up Costs	25,000.00€
Licence Costs	1,500.00€
Savings (Total €):	26,500.00€ / Year
A reduction of 10% of the Execution Crew cost every year	26,500.00€

Project Manager(s)

Emad Soliman

Project Team:

Ebram Boles, John Zaki, Moh'd Abu Qudais

Activity:

Road

O&M themes:

Knowledge management

Target Beneficiaries:

Operations

Description of the context (problem to be solved):

The Execution team is facing challenges due to insufficient hands-on experience and limited exposure to bridges & Tunnels maintenance techniques. This lack of technical competency has resulted in avoidable mistakes, rework, and reduced efficiency on site.

Description of the solution:

The solution is to build a Technical Training Zone dedicated to practical learning. By integrating real bridge components, crews can practice inspection, repair, and maintenance procedures before performing them in the field, ensuring higher competence and reducing operational errors.

Key Partner(s):

Partner description

Partner Web Link No.2

Intellectual property:

No Intellectual Property Registered

Results

Insert your information here

Upskilled workforce with better technical competency.

Cost reduction

Enhanced client satisfaction through improved service quality.

Standardized work processes using improved methods or tools.

Next steps

Actions:

Insert your information here

Get the yard from the Client / ADM and build the Centre.

Technical prerequisites (to set up the solution):

Insert your information here

Do you need to have specific hardware, processes, standards, etc.

Is it Populated/Published

Innovation hub ([link](#)):

No

Insert your
information here

ADDITIONAL INFORMATION (if needed)

Name of the innovation