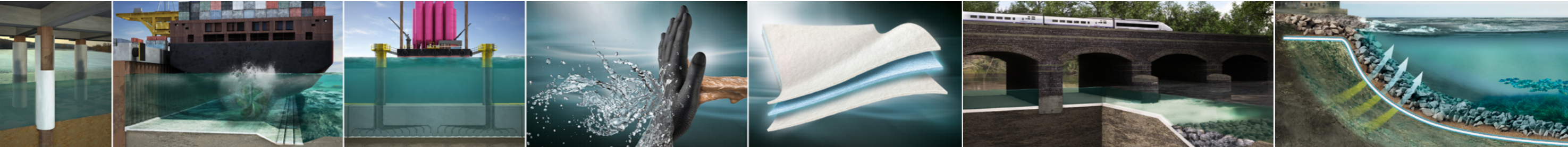


# PROGRAM

## TECHNICAL TRAINING EVENT



### 27<sup>th</sup> of September

09:00	Registration and coffee
09:45	<b>Welcome and introduction by Proserve and HUESKER</b> Welcome   General information about the days
10:00	<b>Geosynthetics in hydraulic engineering</b> Company introduction HUESKER   Products and applications   Polymers and performance
10:30	<b>Fabric formed concrete applications I</b> Company introduction Proserve   What is it and when to use it   Insitu foundations   Seals, joints, bearing, underpinning   Recent projects
11:15	Coffee break
11:30	<b>Fabric formed concrete applications II</b> Mattress types   Applications (sealing /erosion protection/IPC)   Testing and certificates   Case studies
12:30	Lunch
13:30	<b>Sustainability in concrete</b> (Dr. Ewert, Holcim) Current state of development   Types of sustainable concrete   Applications in hydraulic engineering
14:15	<b>Practical demonstration I</b> (with coffee /cake) Grout bag foundation filling   Grout sock seal/bearing filling   Expanding grout sock filling   IPC filling
15:45	<b>Scour protection using concrete mattress I</b> Berth protection   Wave protection with thick mattress   Bridge scour protection
16:30	<b>End of day 1</b>
17:00	Bus transfer from Dom Hotel Gescher
17:25	Bus transfer from Fliederbusch Borken
17:40	Bus transfer from Stadthotel Borken
18:00	<b>Dinner</b>

### 28<sup>th</sup> of September

09:00	<b>Scour protection using concrete mattress II</b> Design principles   Case studies   Workflow with HUESKER
10:00	<b>Geosynthetic filter</b> Filter basics and rules   Erosion/Suffusion   Rock drop tests   Applications
10:30	<b>SoilTain® Bags and Tubes for marine applications</b> What are SoilTain Bags and Tubes and how are they used?   Design principles and guidelines   Construction and installation techniques   Case studies and construction details
11:15	<b>Practical demonstration II</b> (with coffee) Filling of a SoilTain CP tube   Closing of a SoilTain Bag   Hands on floating and sinking tests with filters
12:00	<b>Sustainability in geosynthetics</b>
12:30	Lunch
13:30	<b>SoilTain Dewatering</b> Basics   Design principles and guidelines   Basics polymer   Applications   Case studies
14:15	<b>Active Composites</b> Basics   Design principles and guidelines   Basics polymer   Applications   Case studies
15:00	<b>Practical demonstration III</b> (with coffee /cake) Sludge dewatering   Active Composites
15:30	<b>Outlook to future geosynthetics</b> New materials   Applications   Case study   Influence on durability
16:00	<b>Review of the days</b>
16:15	End

We look forward to welcoming you at the Technical Training Event 2023!

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