

# COMPANY PRESENTATION

**SOMMER** Fassadensysteme – Stahlbau –  
Sicherheitstechnik GmbH & Co. KG



DIIF Forum  
05/06/2023

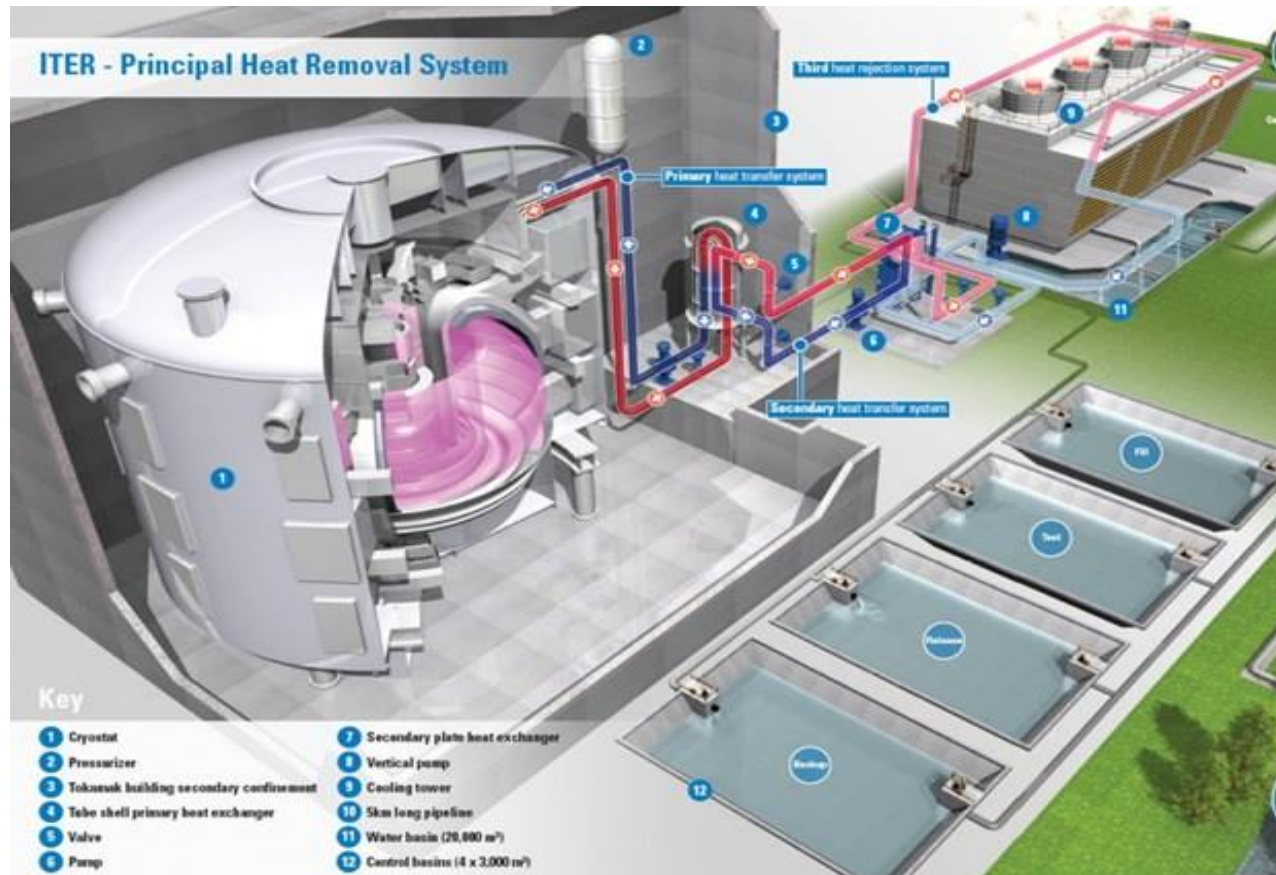


## SOMMER AT A GLANCE

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# Heavy Nuclear Doors TB03



Contractor VFR

Collaborative  
Tender

Consortium

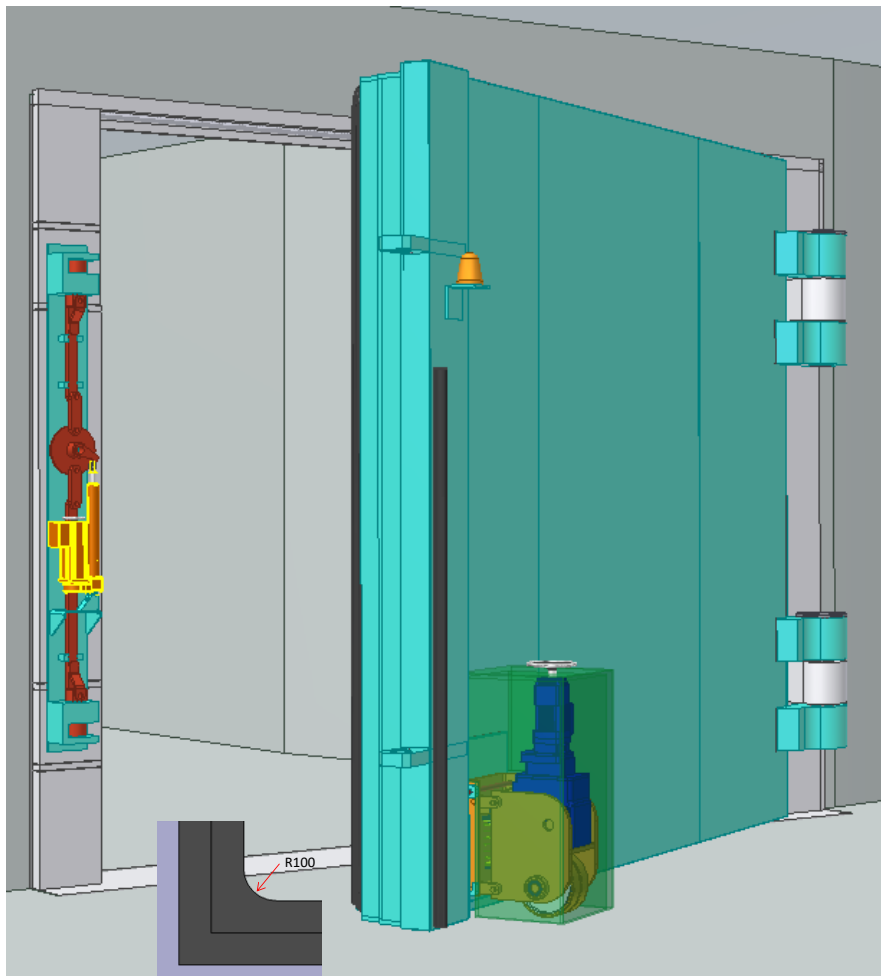
Cegelec / Sommer

2009-2019

> 10 Mio €

**42 HEAVY NUCLEAR DOORS – 4x5m – 20 T to be filled with concrete – Shielding / Fire 120min / Airtight and Watertight**





## HEAVY NUCLEAR DOOR 5m width x 4m High

Shielding 60 mm non magnetic steel + 300 mm heavy concrete

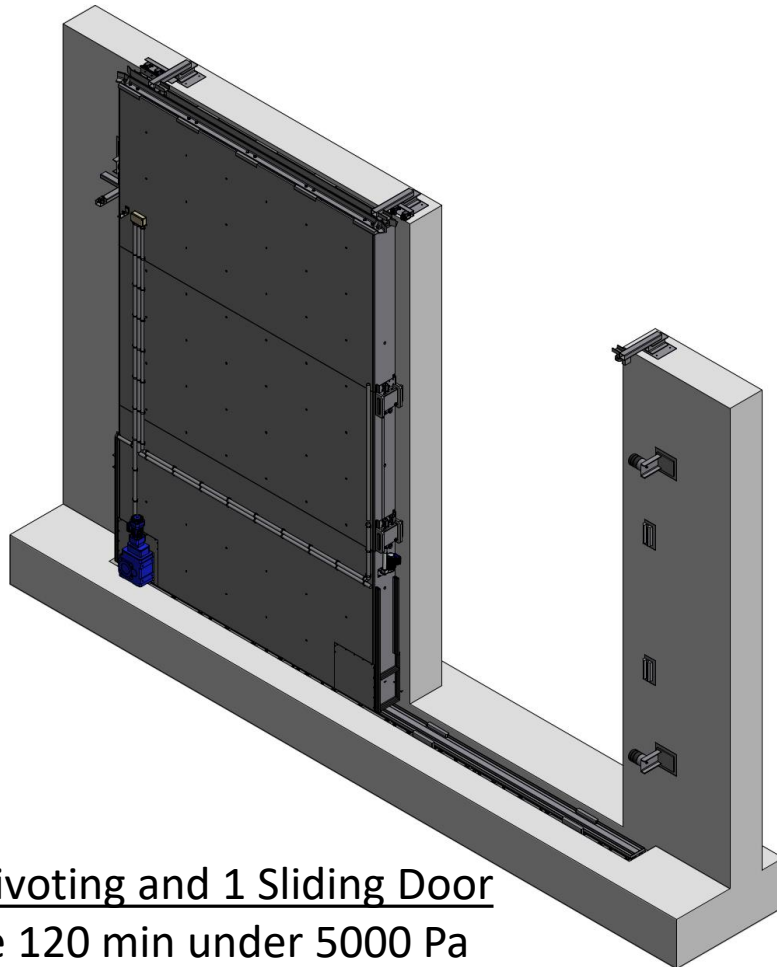
Fire 120 min under 5000 Pa

Leak < 3,11m<sup>3</sup>/h under 60 kPa & ΔT120°C

Helium Leak < 3,11m<sup>3</sup>/h under 20 kPa & ΔT-40°C

Design Life 10.000 cycles

# Lift Lobby Doors TB 11



2 pivoting and 1 Sliding Door

Fire 120 min under 5000 Pa

Leak < 3,11m<sup>3</sup>/h under 60 kPa & ΔT120°C

Helium Leak < 3,11m<sup>3</sup>/h under 20 kPa & ΔT-40°C

Loca IV : Leak under **100kPa**

*Contractor Dalkia*

*Prefered Bidder*

*Sommer alone*

*No Site activities*

*2021-2023*

*> 3 Mio €*



# Confinement & Fire Doors TB 20



*Contractor Iter*

*2 years Bid*

*Consortium*

*Ferrovial / Sommer*

*2022-2026*

*> 10 Mio €*



136 Pivoting Doors

1 & 2 Leaves

Fire 60/120 min under 5000 Pa

Leaktightness under Pressure

Some Shielding, some burglary



# Feedback



## BUSINESS DEVELOPMENT

*Technical Support IO / F4E / ENGAGE  
Check Tender (ILO)*

## TENDER

*Partner for Site Activities  
Positiv “short” delay for SOC (2 years)  
EU Rules with good lead*

## CONTRACT

*Strong Contract Manager (FIDIC)  
Innovativ Technical Team + R&D (Qualification)  
Motivated Project Lead  
High Level of Documentation & Rules*

