



5TH OCTOBER 2023

A view on the adoption of IOGP S-560 Standard JIP33 Stavanger, Norway

Presenter



Miguel Sanchis

Global Product Marketing Manager

Low Voltage Switchgear



miguel.sanchis@es.abb.com



Agenda

01.

Introduction



02.

The purpose of a Standard
JIP33 Goals



03.

Factory data on S-560 adoption
Usage Scenarios
Don't forget the Data Sheet



04.

“The Dream” approach
Conclusion



The purpose of a Standard



Established in multiple cultures through the 2nd millennium BCE



Facilitate trade and commerce



Better quality, shortened lead time, lower costs and easier discussions



JIP33 Goals

Extracts from JIP33 “About us” FAQs



The objective to the IOGP-JIP33 is to **lower cost and schedule of capital projects**



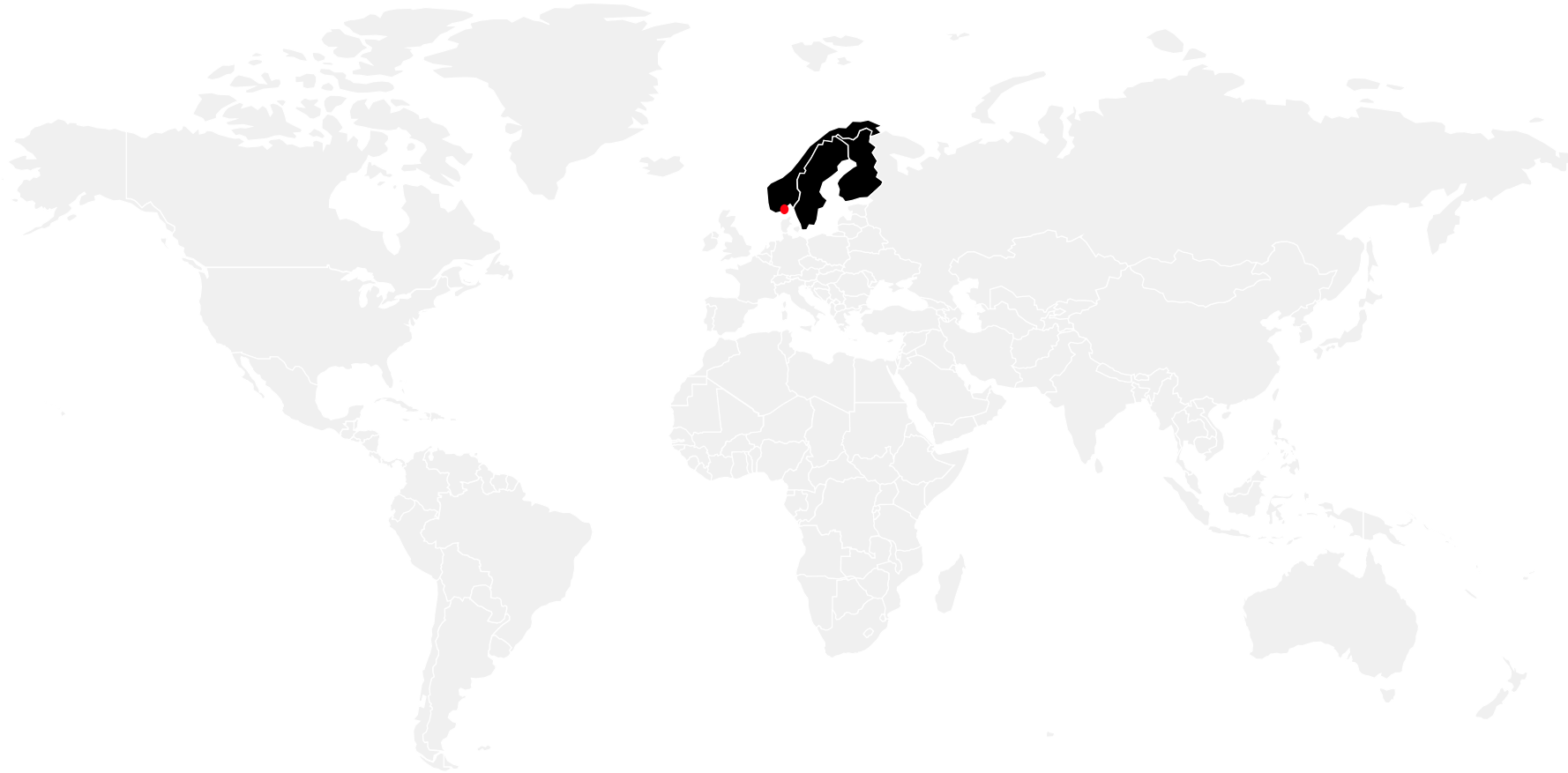
JIP33 aims to **remove transactional waste** from engineering design through the supply chain



The objective of the JIP33 Program is to **agree on a harmonized and minimized set of specifications** for the procurement of equipment and packages for the oil and gas industry

Adoption Rates of S-560

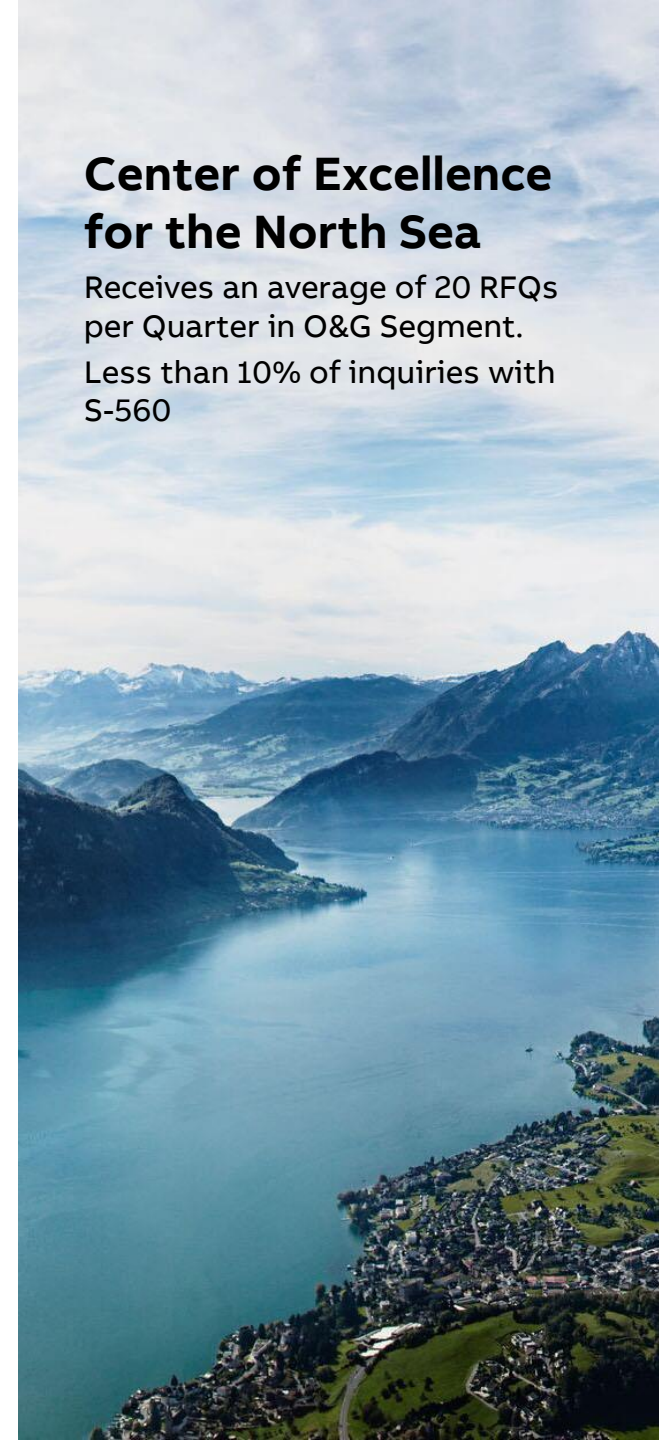
Skien, Norway



Center of Excellence for the North Sea

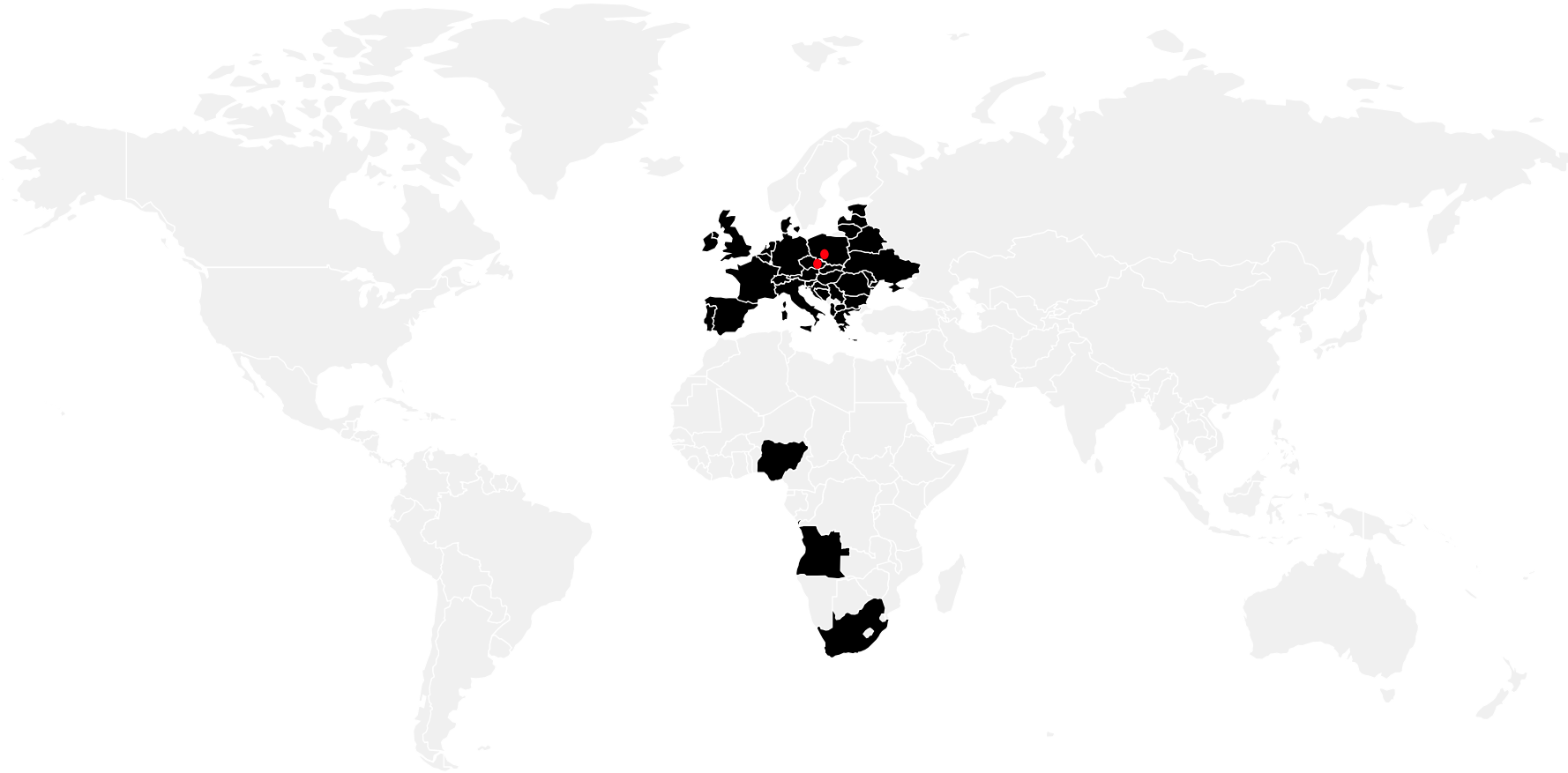
Receives an average of 20 RFQs
per Quarter in O&G Segment.

Less than 10% of inquiries with
S-560



Adoption Rates of S-560

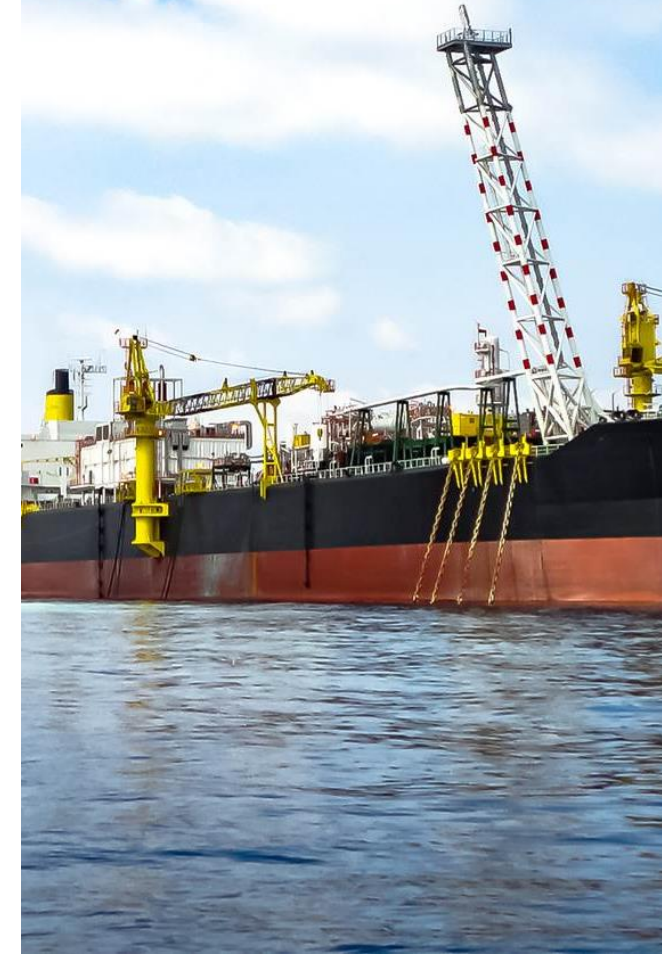
Bielsko Biala, Poland / Brno, Czech Republic



Largest European manufacturing site

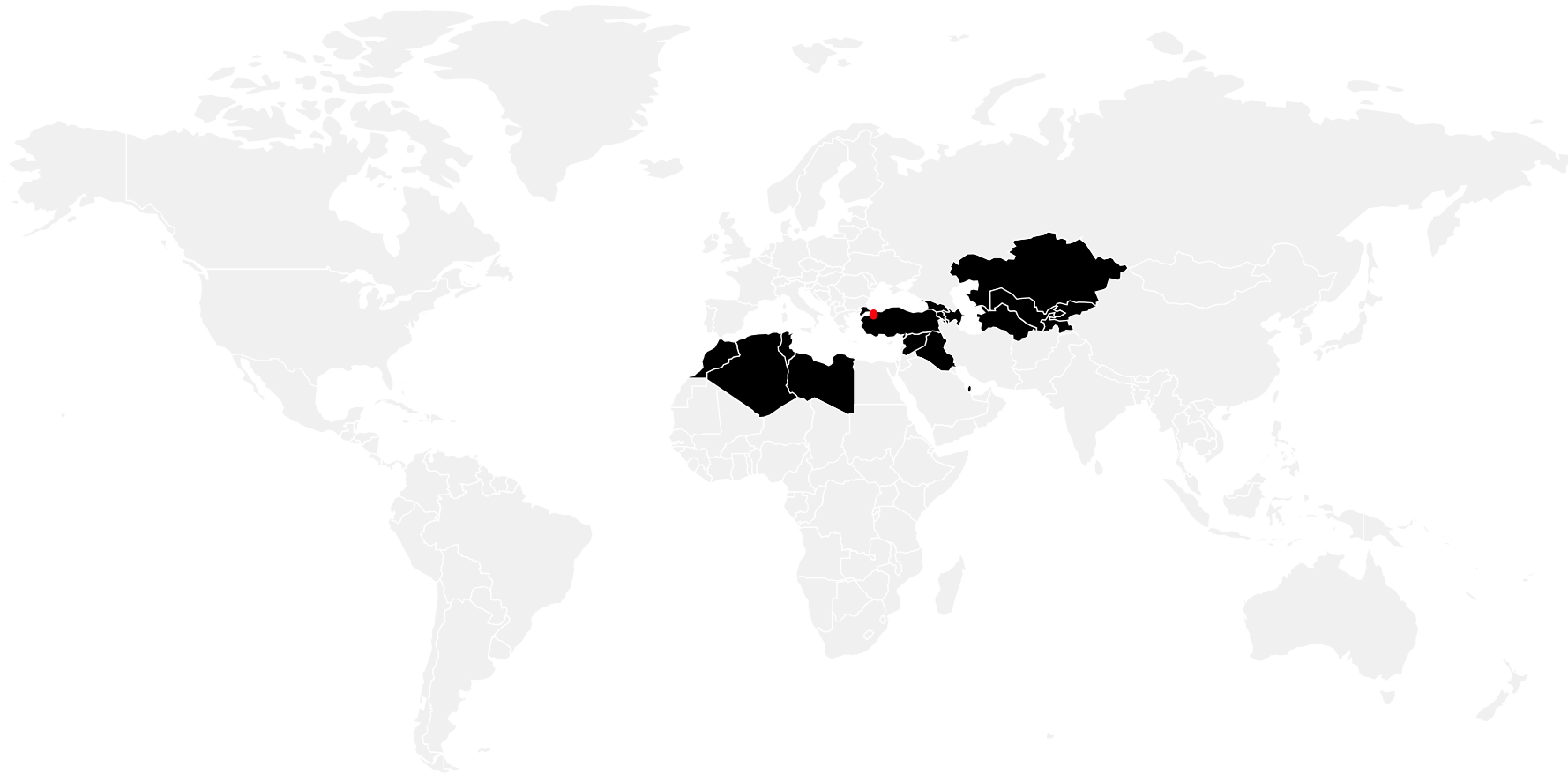
Receives an average of 35 RFQs per Quarter in O&G Segment.

About 20% of inquiries with S-560



Adoption Rates of S-560

Kocaeli, Turkey



Near East, North Africa, Central Asia and Qatar

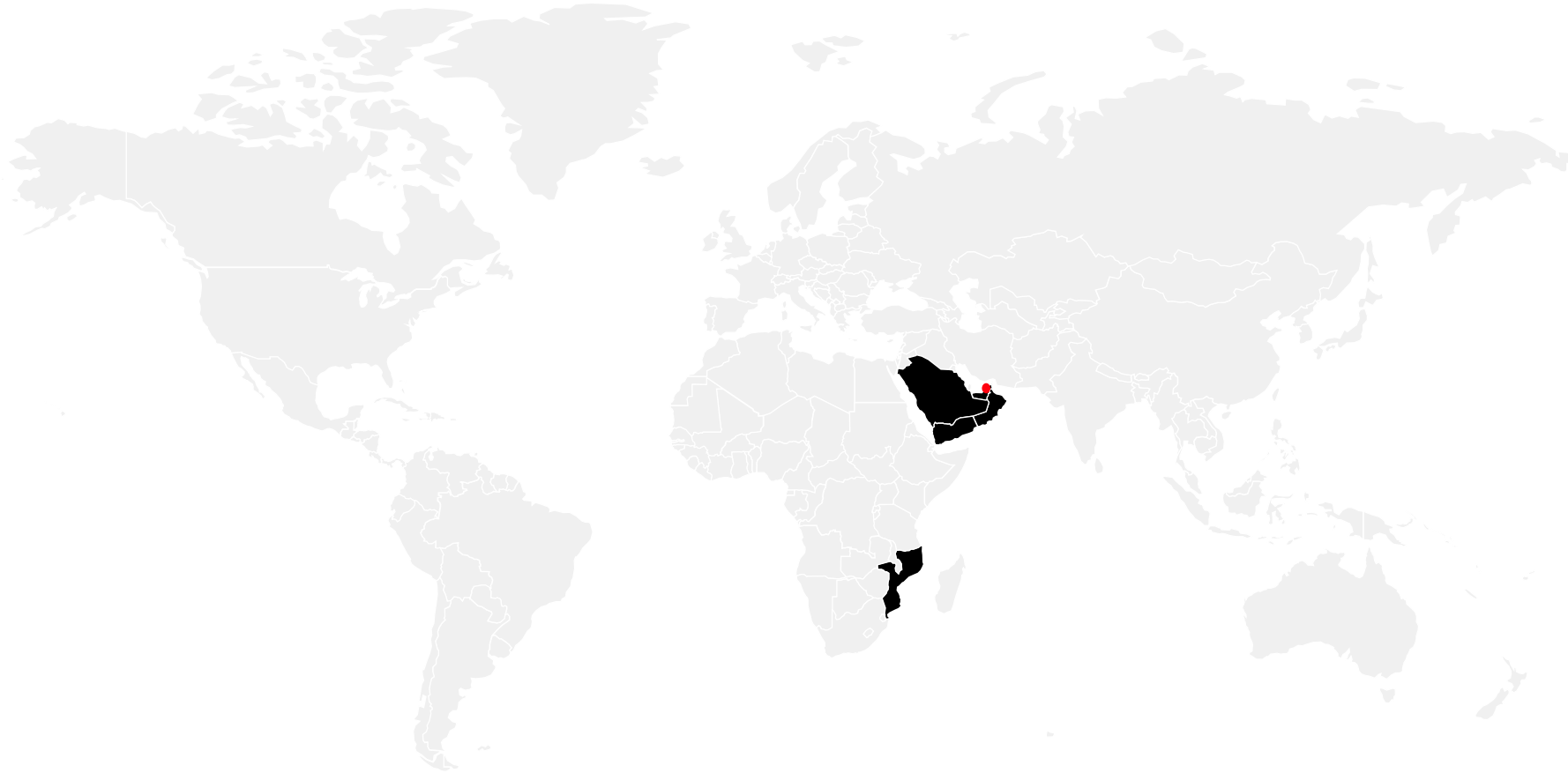
Receives an average of 10 RFQs per Quarter in O&G Segment.

About 15% of inquiries with S-560



Adoption Rates of S-560

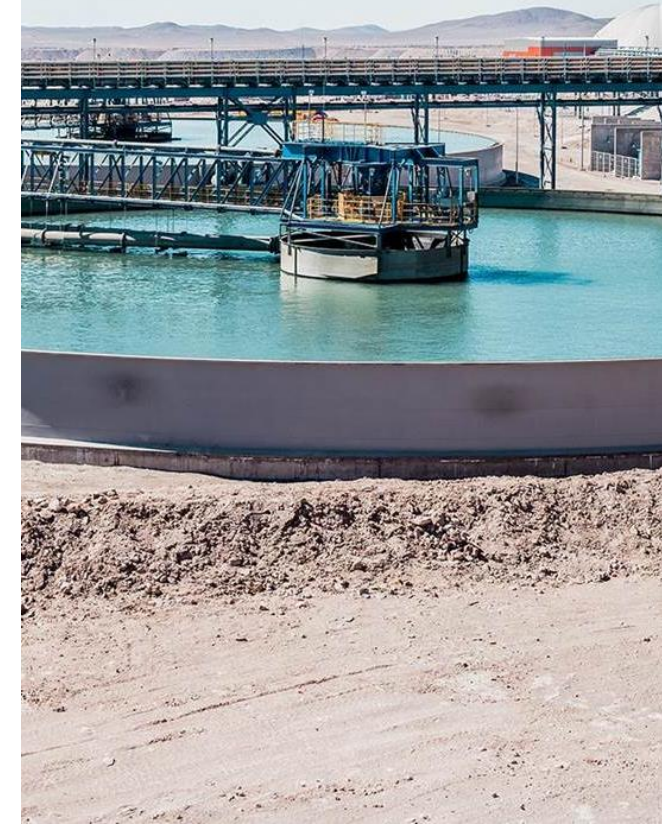
Dubai, UAE



Middle East and East Africa

Receives an average of 20 RFQs per Quarter in O&G Segment.

Less than 5% of inquiries with S-560



Adoption Rates of S-560

Sorocaba, Brazil



Serves Latin America

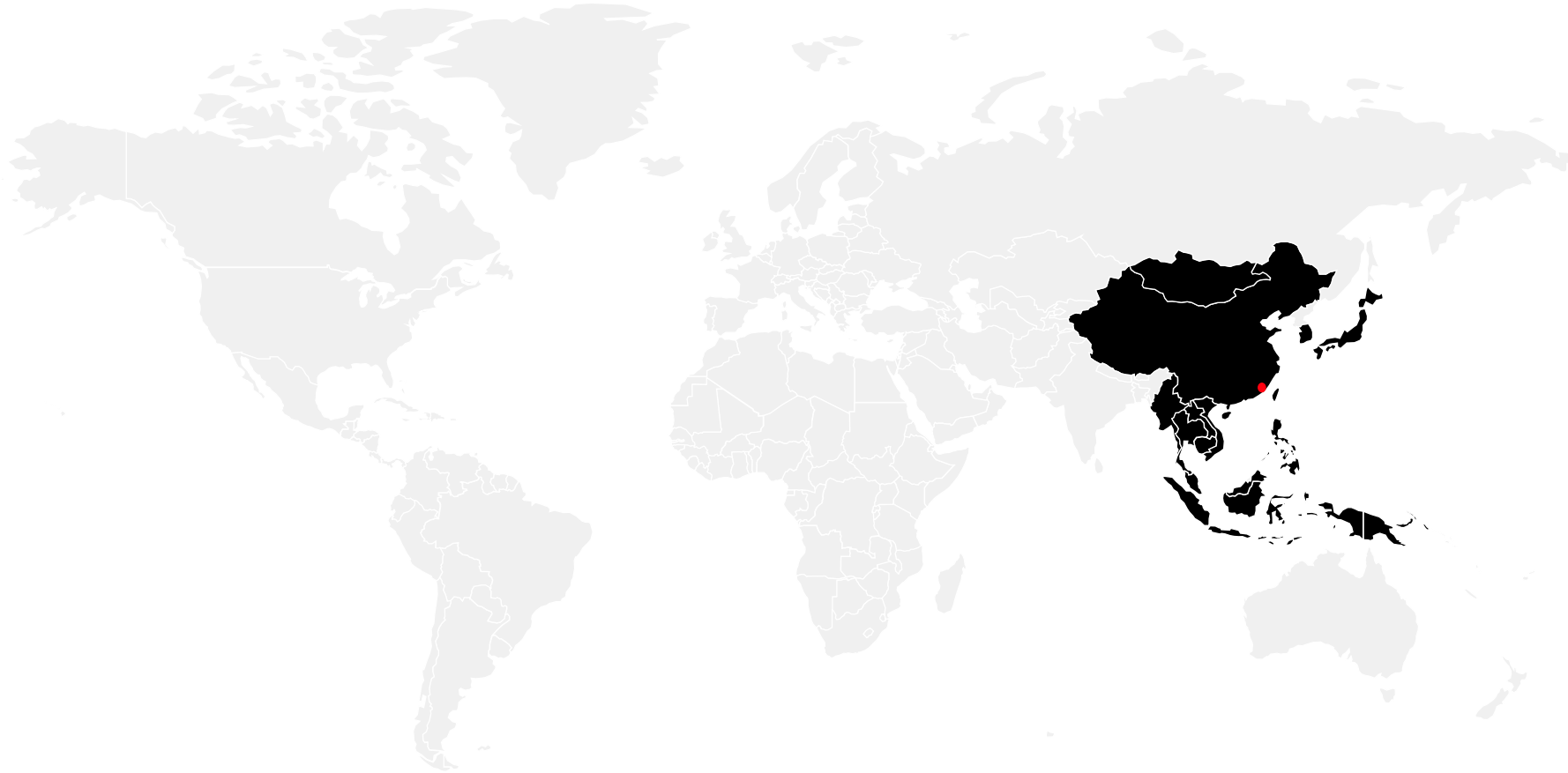
Receives an average of 10 RFQs per Quarter in O&G Segment.

Never seen S-560 as specification



Adoption Rates of S-560

Xiamen, China



Focused in Asia Pacific

Receives an average of 12 RFQs per Quarter in O&G Segment.

About 30% of inquiries with S-560



Project Specification Scenarios

The four groups



The Classic

“Old Style” RFQ with the End Customer specification and/or EPC requirements. Does the S-560 exist?

Still the most common case



The Inclusive

“All together” mode. End Customer specification S-560 and whatever else can be of interest

Numerous contradictions and thousand rounds of clarifications



The Advanced

S-560 and “on top” the User requirements but perfectly structured in a single document

Few exceptional cases



The Dream

S-560 “as it is” with its respective Datasheet

Optimal situation. Focus on the best configuration for the requirements



The Data Sheet

The usual (missing) suspect

Who?

The party issuing the Procurement Request

What?

The Procurement Data Sheet for Low-Voltage Switchgear and Controlgear (IEC).

To be used in conjunction with IOGP S-560
Supplementary Specification to IEC 61439-1 and IEC
61439-2

Why?

The **S-560 is great but it's still a bit too vague with multiple options** when is not accompanied by the Datasheet

“The Dream” Approach

Proven advantages



**Lower Costs and
Schedule of capital
projects**



Faster Quotation cycle

Specification is known and clear.
Focus resources in providing the best configuration to the required SLD and Load List.

Efficient Engineering

Speed up first issue of detailed engineering
Avoidance of “ping-pong” effect with rounds of back and forward drawings

Reduced clarifications

No interpretations
Zero deviations to the specification

Successful Executions

MNS manufacturing instruction for IOGP S-560
Higher quality and faster FATs.



Conclusion

IOGP S-560 is a great tool
Speed up adoption rate is a must
ABB is ready for the next steps

Let's embrace the change to make our world more efficient

ABB