

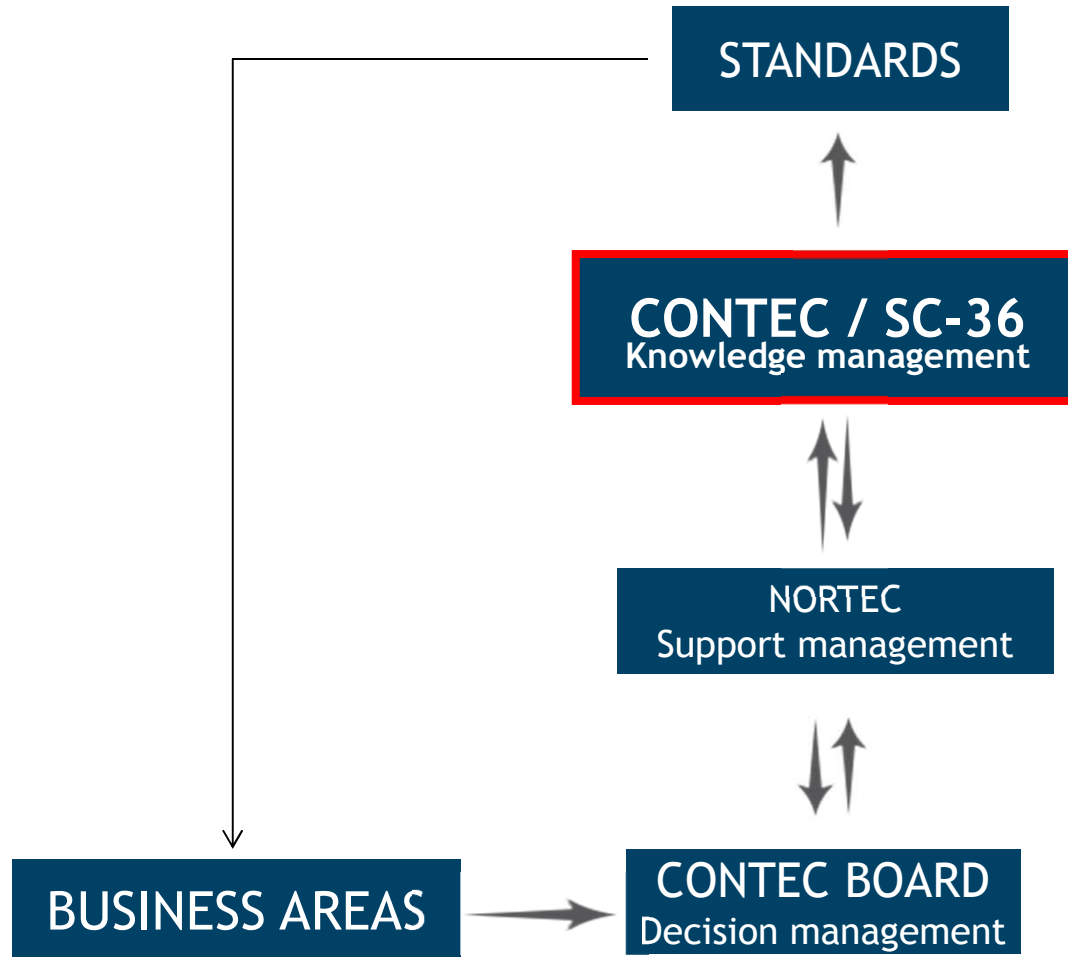
# CONTEC / SC-36

RISK AND RELIABILITY ENGINEERING

PETROBRAS STANDARDIZATION

Nov-2014

# MANAGEMENT



## SC-36 / SCOPE OF WORK

- Reliability data
- Equipment and system failures
- Risk analysis
- Reliability engineering

### 3<sup>rd</sup> Parties involved

**ABNT/CBs:** CB-50 (Materials, Equipment and Offshore Structures)

**ISO/TCs:** TC-67 (Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries) /WG 4 (Reliability Engineering and Technology)

# SC-36 / TEAM



<u>INTEGRANTE DA SC-36</u>	<u>PARTICIPAÇÃO</u>	<u>LOTAÇÃO</u>
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 FELIPE BARIN POZZEBON

# SC-36 / STANDARDS



## CRITERIA FOR NEW STANDARDS – TO COMPLY SIMULTANEOUSLY WITH:

1. There being no other standard to cover the same scope;
2. Being aligned to the business;
3. Being of repetitive use;
4. The organization having the necessary expertise on the scope;
5. The need to regulate the relationships among the organization's businesses and the external parties.

**N-2781: Applicable Techniques for reliability engineering**

**N-2782: Applicable Techniques to Industrial Risk Analysis**

**N-2784: Reliability and Risk Analysis (Terminology)**

**NBR ISO 20815: Portuguese version (2015)**

**NBR ISO 14224: Portuguese version to be updated (2015)**

# THANK YOU

Alexandre Müller

SC-36 Chair

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A decorative graphic in the bottom right corner consisting of a green shape that tapers to a point at the top right, and a yellow shape that tapers to a point at the bottom left, overlapping the green shape.