

Encore

Energising Coastal regions with Offshore Renewable Energy

How IEC certification
can be applied to your technology

Peter Scheijgrond, MET-support

www.energisingcoast.eu

MET-support experience

- 20 years active in the marine energy sector
- Financing and Technology & project development
- Project management of R&D projects
- Certification



C-Energy project Zeeland



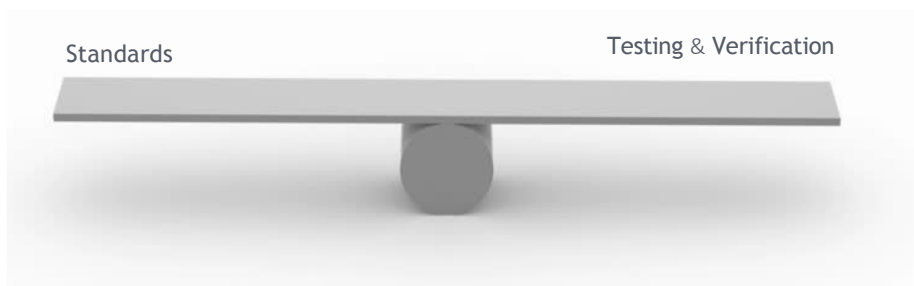
BlueTEC floating tidal power

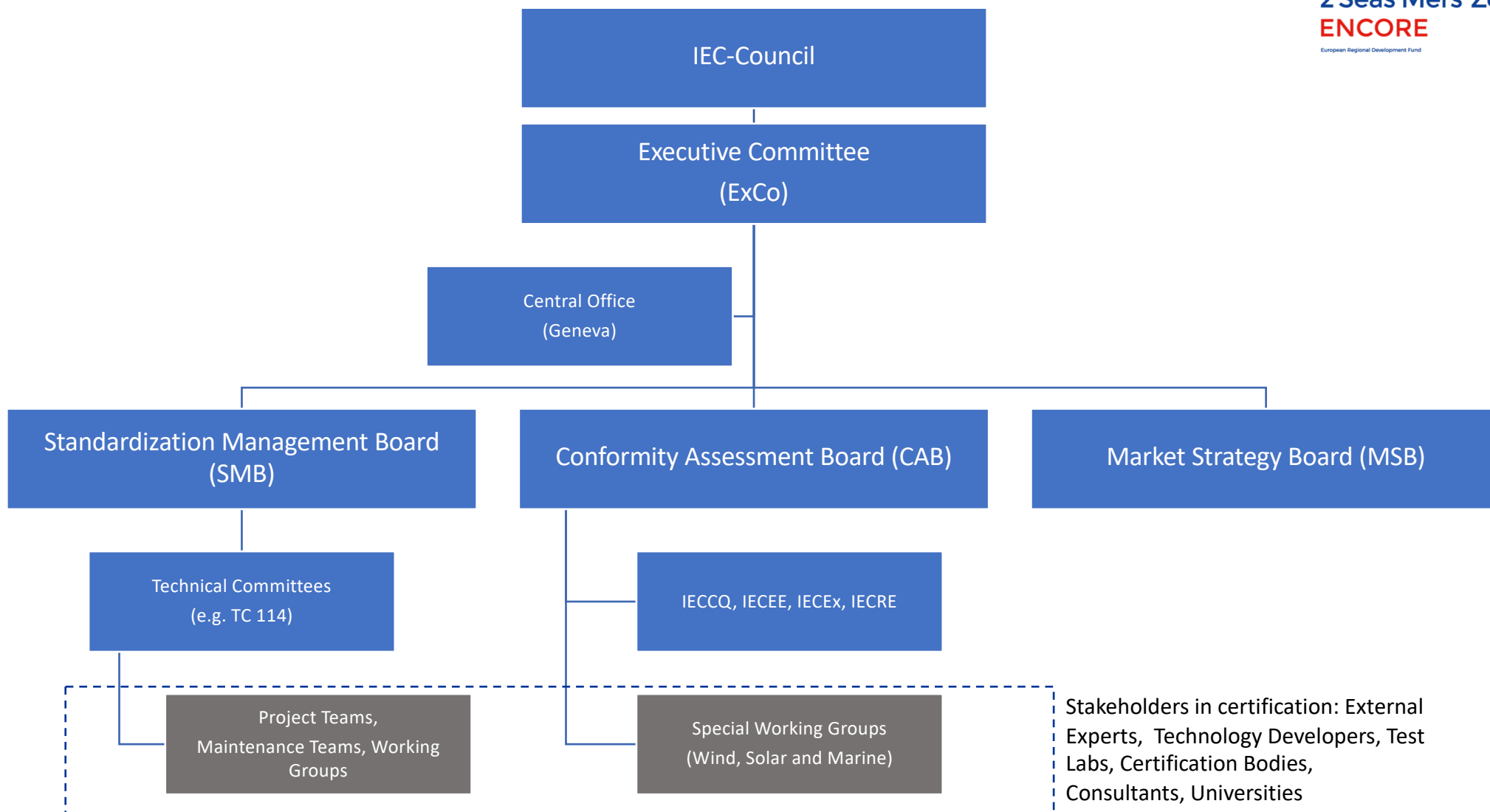


Eastern Scheldt Barrier Tidal Power Plant

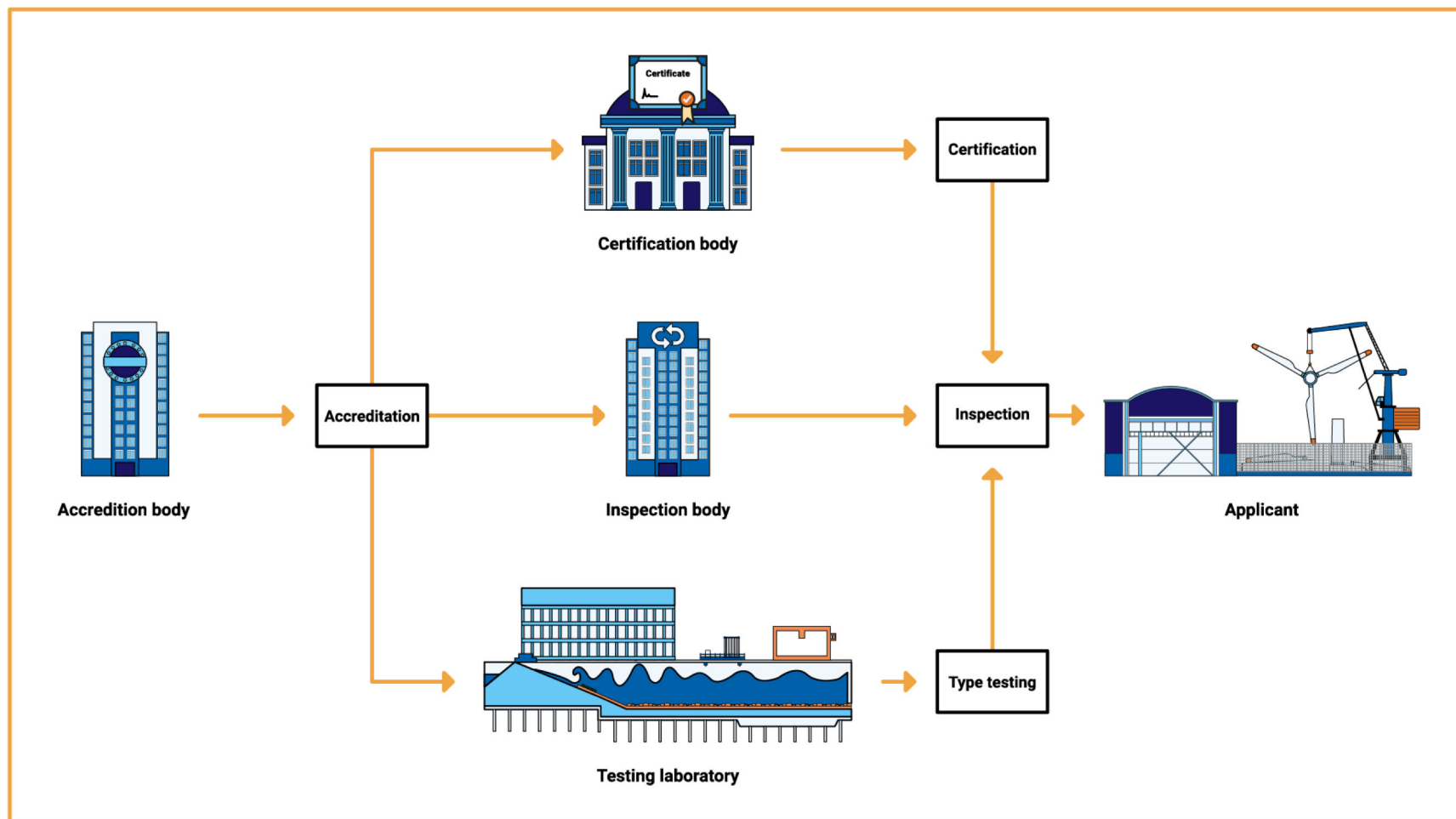
Conformity Assessment under IECRE

- IECRE is a third party Conformity Assessment System based on International Standards and Technical Specifications prepared by the IEC (International Electrotechnical Commission) for equipment used in renewable energy (RE) applications.
- Conformity assessment demonstrates that specified requirements of equipment are fulfilled.





BODIES



Reciprocal acceptance between test labs and certification bodies

Test reports for Power Performance obtained in UK, issued by EMEC
CS issued by. DNV-GL, BV, or LR

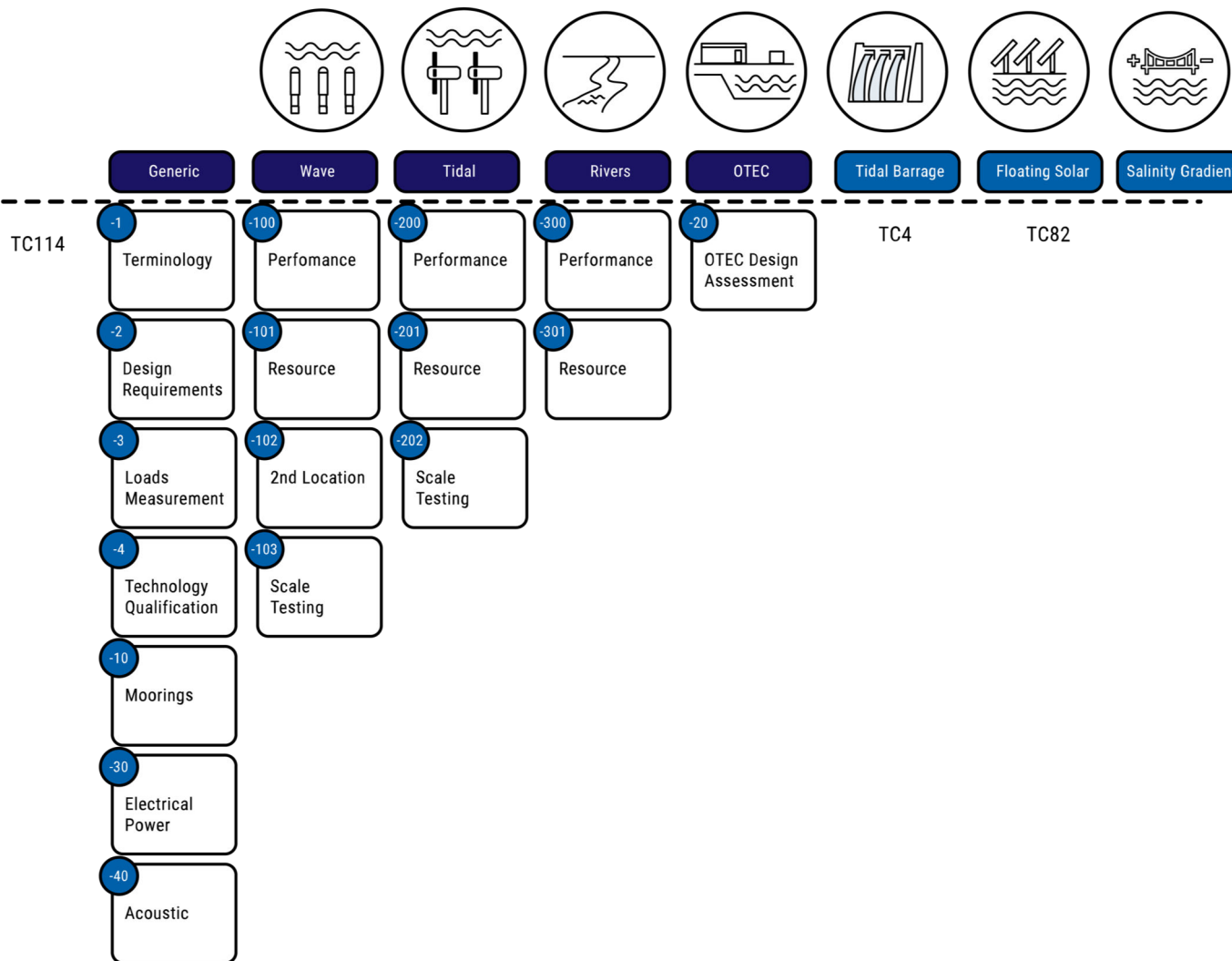
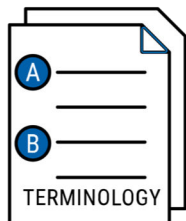


Conformity Statements for Technology Qualification and Design Assessment obtain in Germany, issued by DNV-GL, BV, or LR

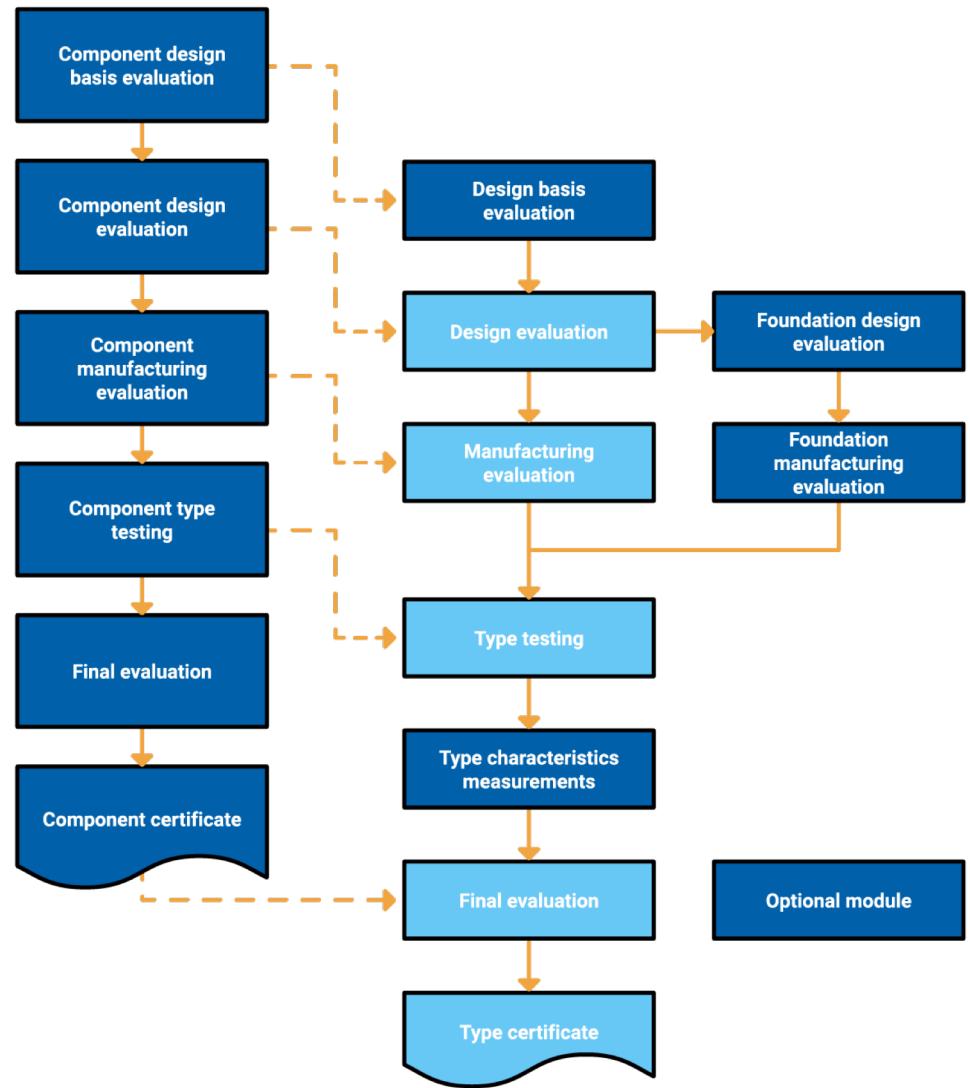


Manufacturing Assessment obtain in Japan, issued by ClassNK

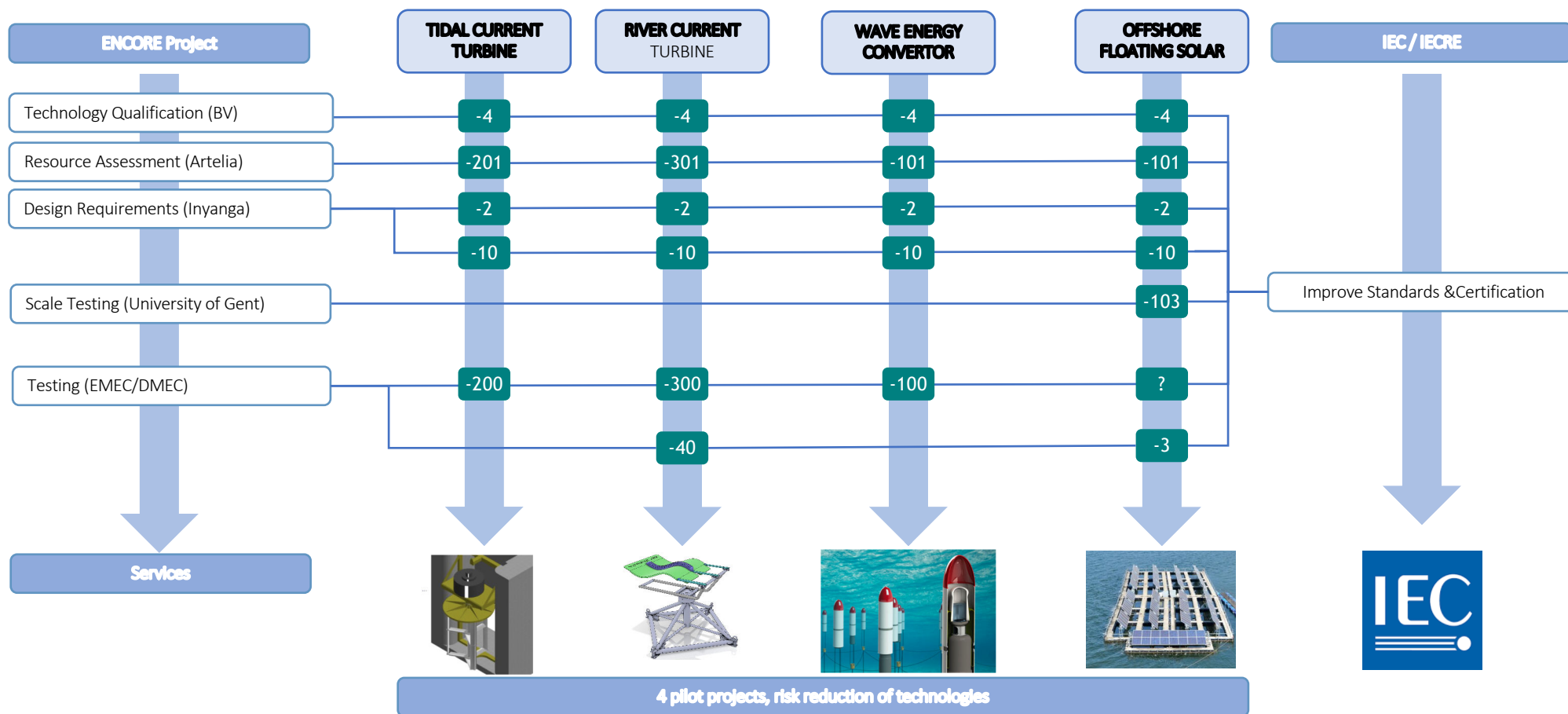
IEC
TC114
 Technical Specifications



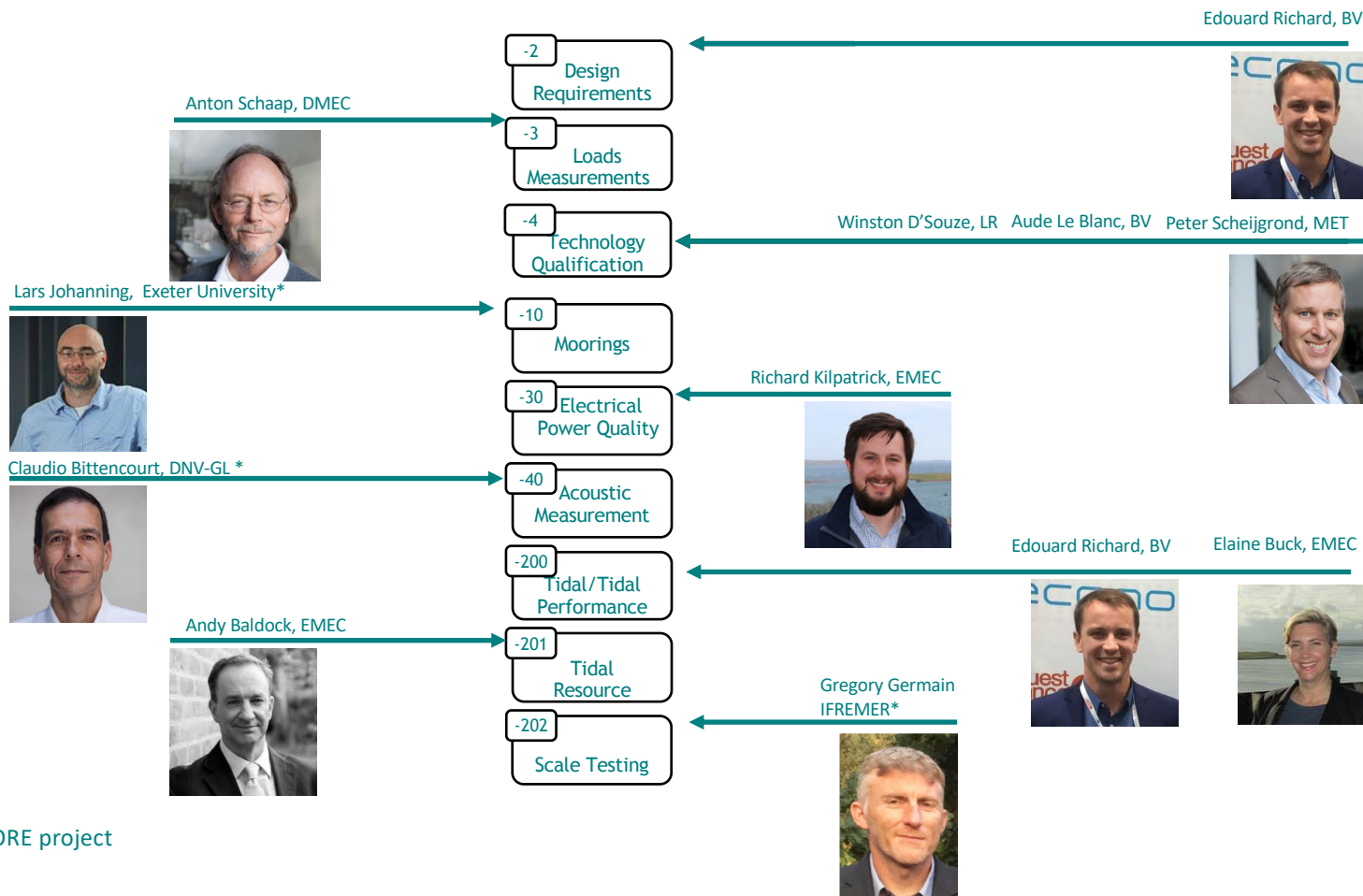
Type Certificate (IECRE)



Applying standards in the Encore project



How do we communicate with IEC?



* Observers to ENCORE project

Get involved in IEC:

- To get access to early market intelligence
- To focus your innovation
- To enable global export of your technology
- To get access to commercial funding

Online training at IEC Academy in-the-make



International
Electrotechnical
Commission

Standards
development

Conformity
assessment

Where we make
a difference

Who
benefits

News &
resources

Programmes
& initiatives

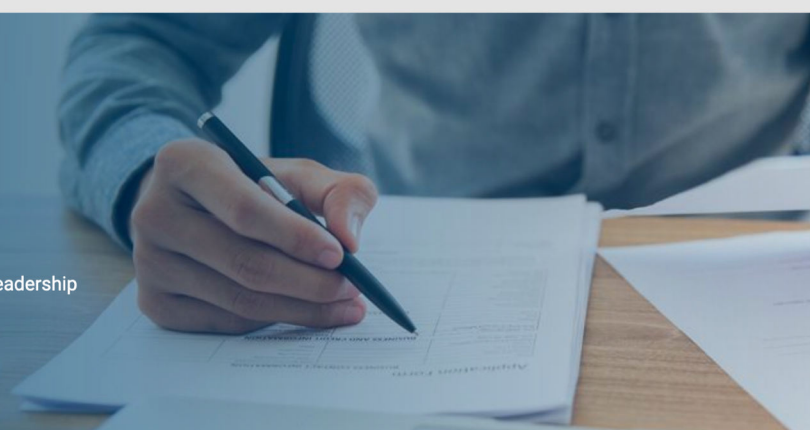
Who we
are



[Home](#) / [Programmes & initiatives](#) / [Academy & Capacity building](#) / [tc](#)

Training for technical committees

Supporting IEC committees and working groups with intensive leadership training. Sessions are offered around the world or online.



Upcoming activities

Public webinar

[Upcoming webinars](#)

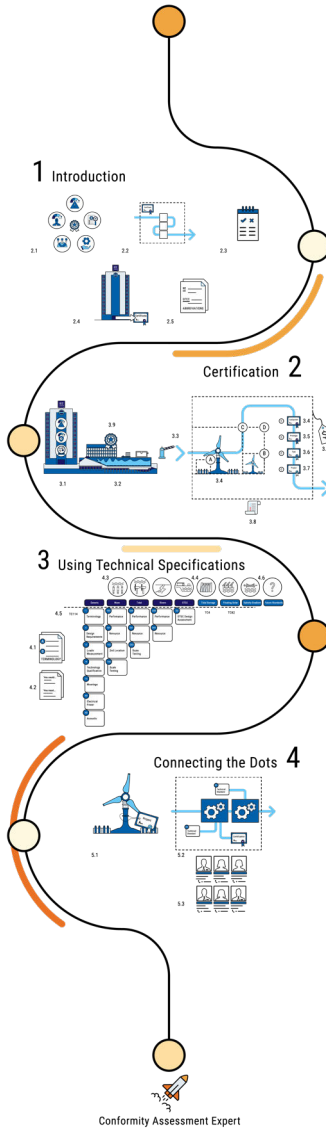
Recommended links

Training content

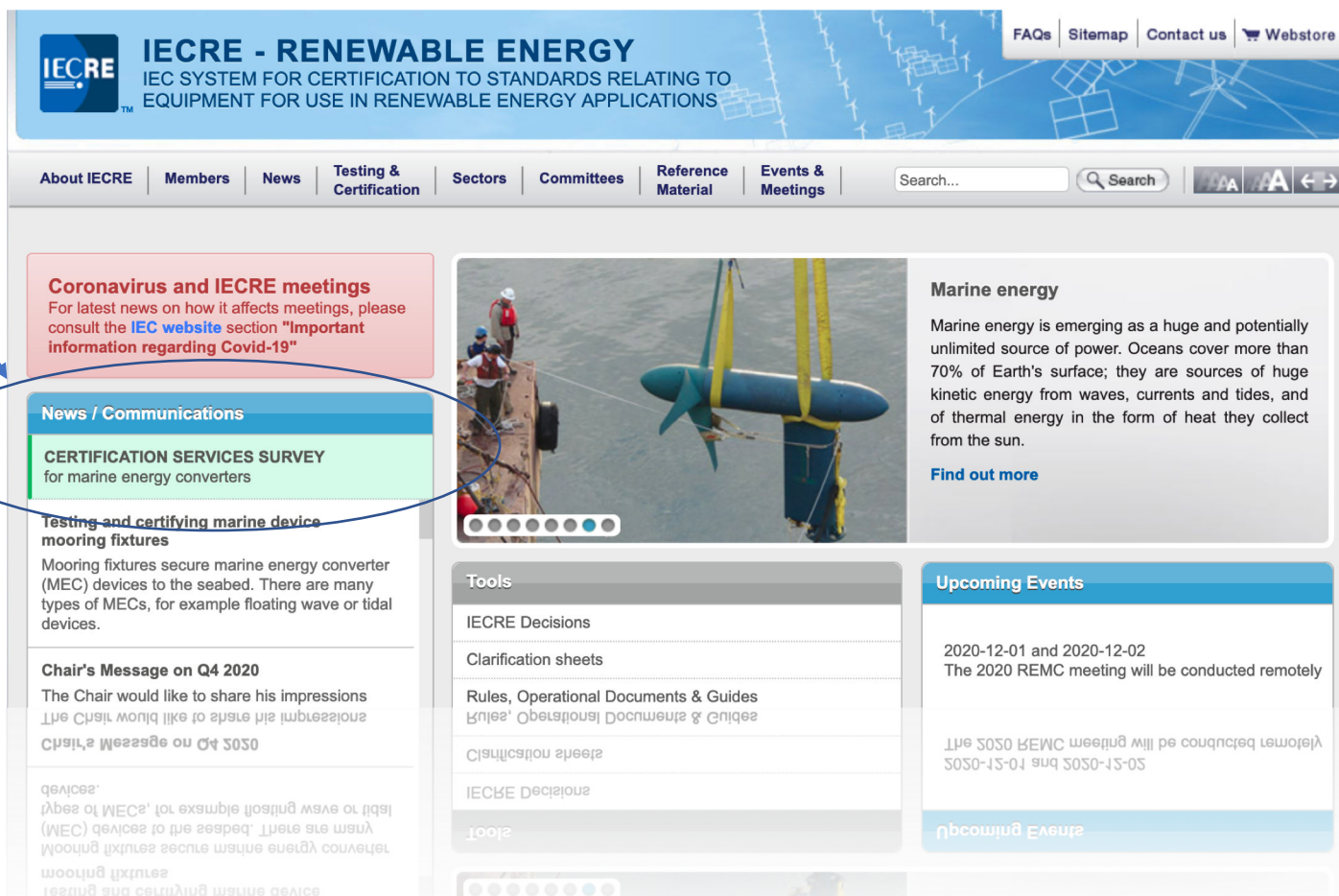
In order to help IEC experts understand administrative procedures and how to prepare IEC publications, training sessions are available. IEC provides training for technical committees that can be tailored to match the requirements of the technical committees.

Topics covered include:

- Drafting IEC publications
- Editing
- Layout



Please fill in our survey on www.IECRE.org



IECRE - RENEWABLE ENERGY
IEC SYSTEM FOR CERTIFICATION TO STANDARDS RELATING TO EQUIPMENT FOR USE IN RENEWABLE ENERGY APPLICATIONS

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Search...

Coronavirus and IECRE meetings
For latest news on how it affects meetings, please consult the [IEC website](#) section "Important information regarding Covid-19"

News / Communications

CERTIFICATION SERVICES SURVEY
for marine energy converters

Testing and certifying marine device mooring fixtures
Mooring fixtures secure marine energy converter (MEC) devices to the seabed. There are many types of MECs, for example floating wave or tidal devices.

Chair's Message on Q4 2020
The Chair would like to share his impressions

Tools

- IECRE Decisions
- Clarification sheets
- Rules, Operational Documents & Guides
- IECRE Decisions

Upcoming Events

2020-12-01 and 2020-12-02
The 2020 REMC meeting will be conducted remotely

Upcoming Events

Thank you for your interest!

More about ENCORE: www.energisingcoast.eu

More about MET-support: www.met-support.com



Peter Scheijgrond

Director MET-support

Here to finance and implement your marine energy project!

Contact me at p.scheijgrond@met-support.com