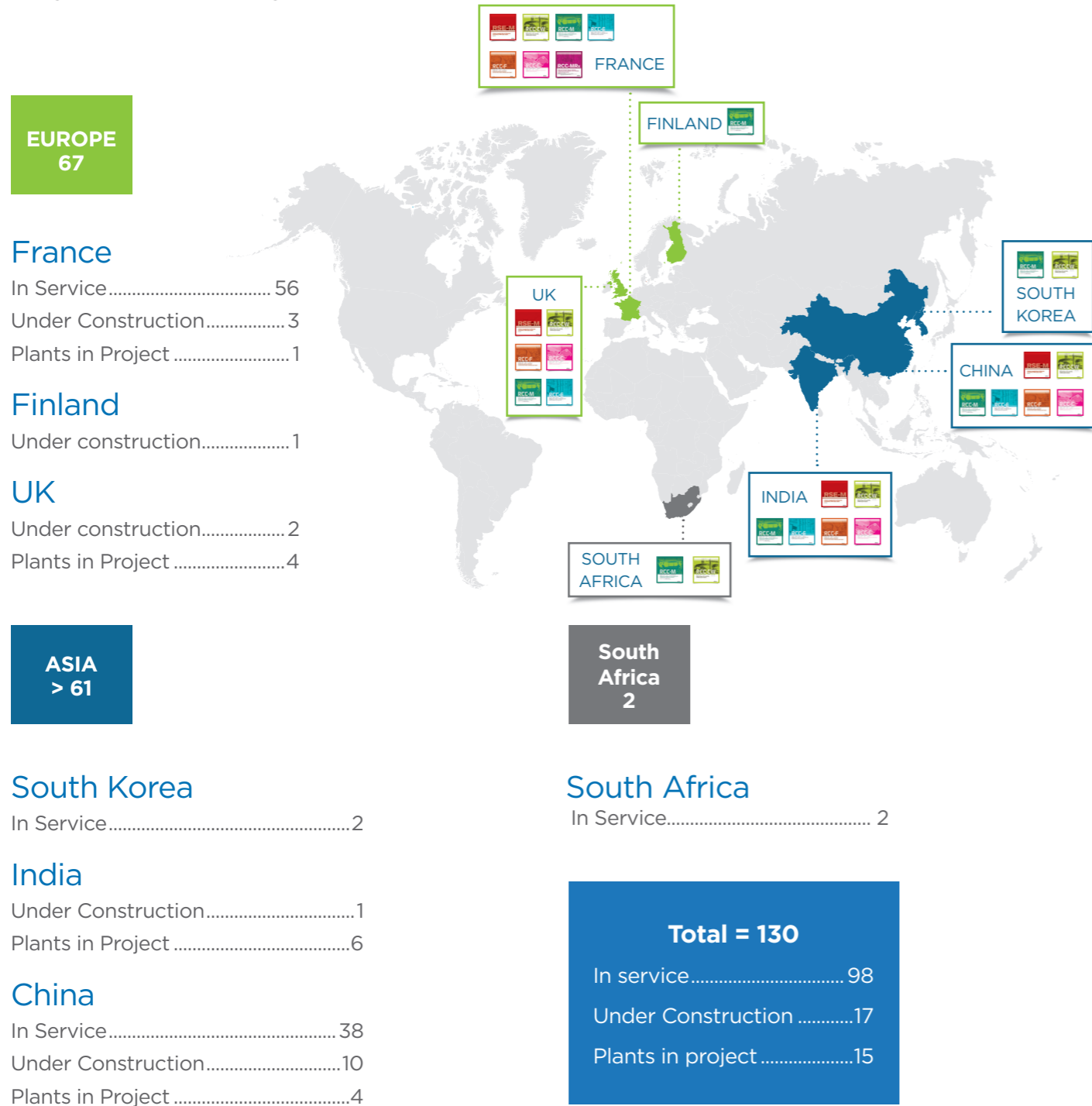


## AFCEN Codes used worldwide (end of 2020)

130 nuclear reactors and multipurpose research reactors are currently designed and/or built using AFCEN Codes.



### Membership :

Join the community of AFCEN experts to contribute to secure, competitive and carbon free nuclear energy

[contact@afcen.com](mailto:contact@afcen.com)  
[www.afcen.com](http://www.afcen.com)



**RCC - M**  
MECHANICAL COMPONENTS

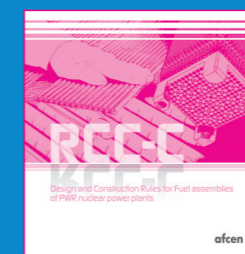
**RSE - M**  
IN-SERVICE INSPECTION RULES

**RCC - E**  
ELECTRICAL AND I&C SYSTEMS

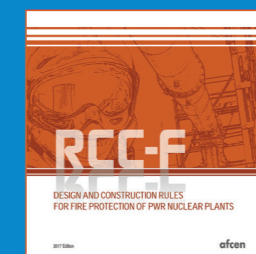
**RCC - CW**  
CIVIL WORKS

# THE SEVEN CODES

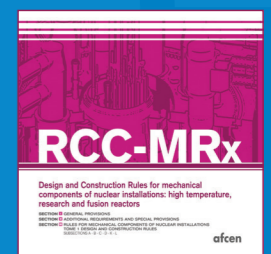
CURRENTLY PUBLISHED BY  
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**RCC - C**  
FUEL ASSEMBLIES



**RCC - F**  
FIRE PROTECTION



**RCC - MRx**  
MECHANICAL COMPONENT

## AFCEN is an International Standard Developing Organization whose primary purpose is to:

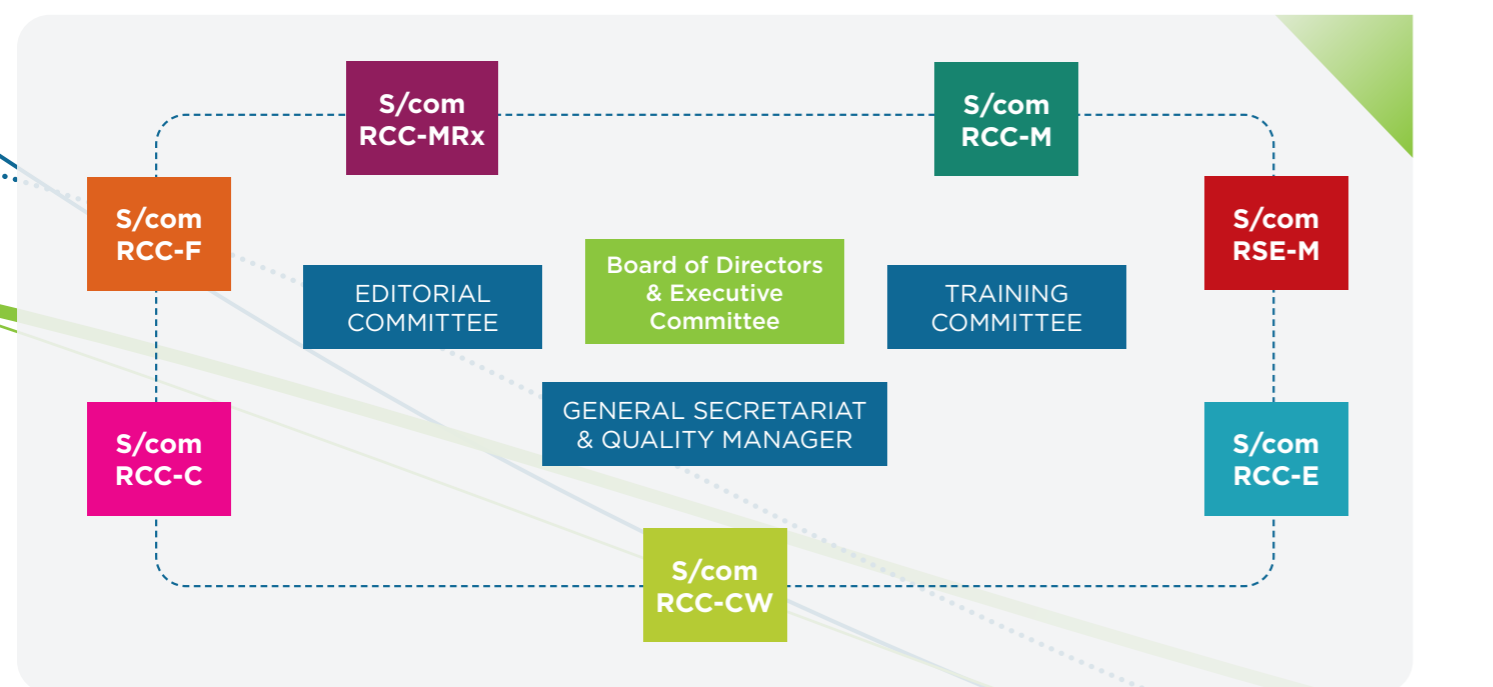
- Produce **up-to-date codes** offering accurate and practical rules for the design, construction and in-service inspection of components for use in industrial or experimental nuclear facilities (**RCC codes**),
- Ensure certified and readily-available **training programs** enabling code users to achieve a high level of expertise, knowledge and practical skills in using AFCEN codes.

AFCEN comprises 67 institutional members, representing more than **880 experts** who contribute to the development and continuous improvement of AFCEN codes at the international level.

### Experts engaged in AFCEN share its core values:

- Collaboration
- Expertise
- Accountability

## AFCEN General organization



## AFCEN Codes are a set of rules:

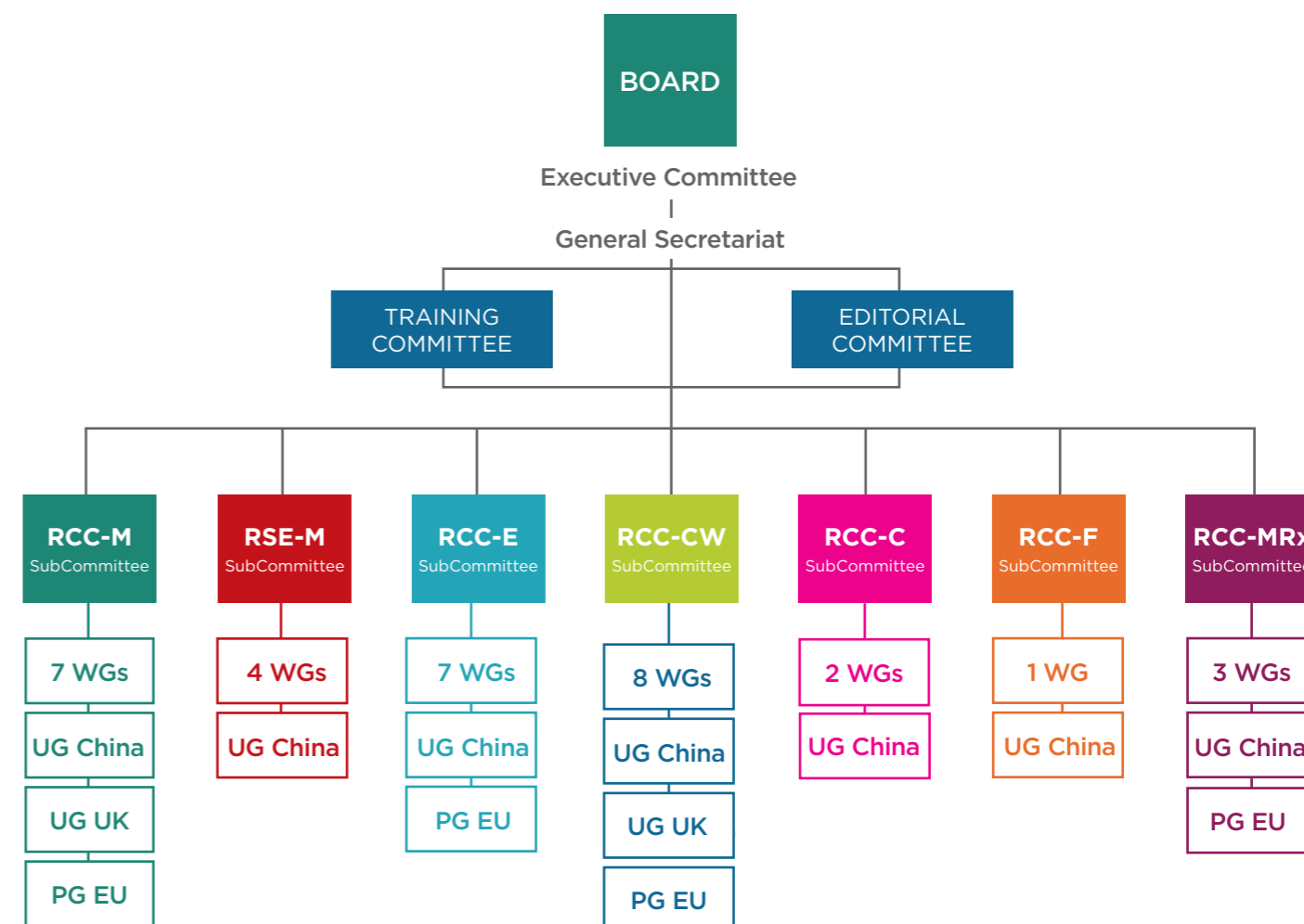
- Covering a wide range of technical fields: **mechanical engineering, electricity and I&C systems, nuclear fuel, civil engineering works and fire protection systems,**
- **Improved for the last 40 years**, particularly by using feedback that has been acquired from building and operating over 130 nuclear reactors around the world,
- **Generic**, not specific to a particular project,
- **Adaptable to regulations** in force in different countries,
- Bringing together the entire nuclear industry of a country.

## The AFCEN Codes



AFCEN Codes edited in **French and English** (available on individual subscription or paper format).

## An international working structure based on Subcommittees and specialized Users Groups for each Code



**WG:** Working Groups

**UG:** Users Groups

**PG EU:** Prospective Group bound to CEN Workshop 64

• To **edit and adapt the Codes** to the context of each country.

• To develop a **strong cooperation and feedback** between AFCEN members.

• To develop **AFCEN certified trainings**.