What is Market Approval?

- Every finished product has to comply to country specific requirements.

- Most countries focus on finished products (e.g. EU), some support additional categories like modular approval (e.g. US).

- Requirements depend on application areas (industry, building, medical, ...) and used technologies (electronic, radio, chemistry, ...).

- Some countries like EU allow self assessment, but most countries (e.g. US, JP, CN, ...) require registered test labs.

- Several countries need regular approval updates (e.g. China CCC) others require update only if directive/standard has been changed (e.g. EU).
## World Wide Market Approval

### Our Focus

<table>
<thead>
<tr>
<th>Region/Country</th>
<th>Frequency</th>
<th>Radio Standard</th>
<th>Marking</th>
</tr>
</thead>
<tbody>
<tr>
<td>European Union</td>
<td>868.300 MHz, 2.4 GHz</td>
<td>CE/RED</td>
<td>![CE]</td>
</tr>
<tr>
<td>USA</td>
<td>902.875 MHz, 2.4 GHz</td>
<td>FCC</td>
<td>![FCC]</td>
</tr>
<tr>
<td>Canada</td>
<td>902.875 MHz, 2.4 GHz</td>
<td>ISED (IC)</td>
<td>![IC]</td>
</tr>
<tr>
<td>Japan</td>
<td>928.350 MHz, 2.4 GHz</td>
<td>ARIB</td>
<td>![ARIB]</td>
</tr>
</tbody>
</table>

- For finished products in the EU, EnOcean will provide the Declaration of Conformity (DoC)
- Test reports are available via support@enocean.com
- Specific products have the approval for additional countries e.g. PTM 215B for Australia, please check user manual
- Additional requirements for waste, dangerous materials and specific applications will apply according to country.
- EnOcean recommends the support of local test labs
EU Market Approval
EnOcean Product Categories

Depending on the product category, EnOcean GmbH provides following support for CE/RED approval:

**Component:**
- Energy harvesters, voltage converters and generic radio modules w/o power supply
- EnOcean provides test reports based on reference implementations
- Customer has to perform specific approval with the finished (final) product

**Radio Module:**
- Radio modules combined with energy harvesters for specific applications
- EnOcean has prepared EU market approval and customer can use approval according to conditions stated within the user manual (housing, labelling, documentation, local WEEE registration etc.).

**Finished product (EASYFIT):**
- Finished product including electronic, housing, power supply and antenna
- Market approval is covered by EnOcean. Customer has to take care of additional requirements stated within the product user manual (product documentation, WEEE and other registrations).