Nexans has the expertise, people and assets to deal with the unexpected

**THE WORLD DEPENDS ON RELIABLE POWER SUPPLIES, BUT SOMETIMES ACCIDENTS HAPPEN.**

Major electricity transfer lines can suffer from outages for as long as a year without a proper contingency plan. Sourcing the right experts with availability to fix the problem can be time-consuming and lead to economical loss, while complex engineering and judicial processes block the road to a repair.

**TIMELINE FOR CABLE REPAIR**

![Timeline for Cable Repair](image)

- Legal
- Commercial
- Personnel
- Fault location
- Engineering
- Documentation
- Charter Vessel
- Logistics
- Mobilisation
- Repair Operation
- Time

$T_0 =$ cable fault $T_1$ $T_2$

Up to 70% time saved with preparedness plan Contingency activities

**KEEP RISK TO A MINIMUM WITH NEXANS IMR**

A Nexans IMR (Inspection, Maintenance and Repair) agreement not only reduces failure risk to cable systems through proactive inspection and maintenance, but also increases efficiency when dealing with unexpected incidents. We will make sure you are prepared for the unexpected and able to effectively reduce the response time to a cable failure.

IMR base at Borg Havn, Fredrikstad
A TAILORMADE AGREEMENT

The Nexans IMR team works with customers to develop an agreement with a service level suited to their needs.

<table>
<thead>
<tr>
<th>Inspection &amp; Maintenance</th>
<th>Repair</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PLANNED</strong></td>
<td></td>
</tr>
<tr>
<td>What is your mitigation plan?</td>
<td></td>
</tr>
<tr>
<td><strong>PREPAREDNESS</strong></td>
<td></td>
</tr>
<tr>
<td>Are you prepared?</td>
<td></td>
</tr>
<tr>
<td><strong>CONTINGENCY</strong></td>
<td></td>
</tr>
<tr>
<td>Perform a repair</td>
<td></td>
</tr>
</tbody>
</table>

Service agreement based in annual fee
- Response time reduced by up to 70%
- Reduced downtime
- Reduced loss of revenue
- Increased credibility to shareholders
- Compliance to authorities
- Prevent unforeseen system outages

PLANNED ACTIVITIES: MITIGATE OUTAGE RISK

We help you to mitigate cable failure risk by performing regular inspections and maintenance of your systems. We perform land and subsea inspections also including scheduled offshore surveys and maintenance of the protection levels.

PREPAREDNESS: ARE YOU PREPARED?

Preparedness activities are the key to ensure that unplanned repairs are started as soon as possible, with system down-time reduced to a minimum. Nexans offers storage and maintenance of repair assets for fast and efficient response in case of cable failure. A dedicated project team along with fault locators and technicians are on standby. As a customer, you have a hotline service directly to the team in case of an incident.

CONTINGENCY: PERFORM A REPAIR

With a preparedness plan in place, Nexans can provide immediate response to failure notifications and mobilize within 72 hours upon notice of an incident. The dedicated equipment and the pre-engineered repair solutions are set from idle to action mode by our repair experts.
A PROVEN TRACK RECORD IN CABLE REPAIR

Nexans has a long track record within cable repairs all over the world including Asia, Africa, Europe and the North Sea region. During the last 40 years, Nexans has successfully installed over 50 offshore repair joints after external damages on HV submarine cables, often performed in harsh weather conditions.

SKAGERRAK CABLES: STATNETT

The four Skagerrak cables owned by Statnett, constitute the high-voltage transmission system crossing the North Sea between Denmark and Norway.

Nexans has performed several complex offshore repairs since the installation of these cables in 1976, all due to external damages typically caused by fishing trawls or ship anchors.

The repairs were fully supported by Nexans experts for planning, preparations and commencing of the duly tested and field proven repair splices. Nexans trenching system Capjet and the installation vessel C/S Nexans Skagerrak supported the repair operations.