



Managing Risk in a Low Carbon Economy

Together We can Secure Your Winning Position

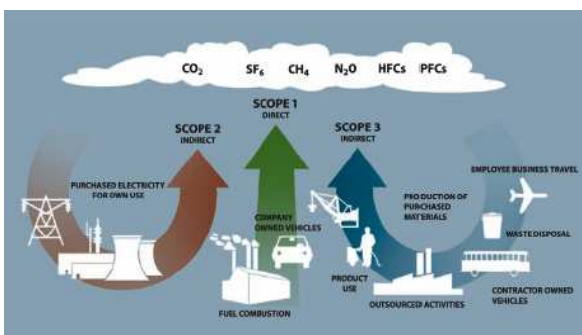


Manage your carbon vulnerability and opportunity

DNV Climate Change & Environmental Services provide a range of services to help you take advantage of the Low Carbon Economy challenges, risks and opportunities, while building a strategy for growth. A key challenge today is to provide clear and meaningful information. Our Climate Change Team of experts, can assist your company to integrate carbon into your company's strategy and make it a key component of your overall business performance.

GHG emissions... What Does it Mean?

The six greenhouse gases with a direct effect are carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), and sulfur hexafluoride (SF₆)



The GreenHouse Gas (GHG) emissions are classified by categories (scope 1,2 or 3) depending on emissions source :

Scope 1 : all direct GHG emissions from the sources the company owns or controls.

Scope 2 : indirect GHG emissions generated from consumption of purchased electricity, heat or steam.

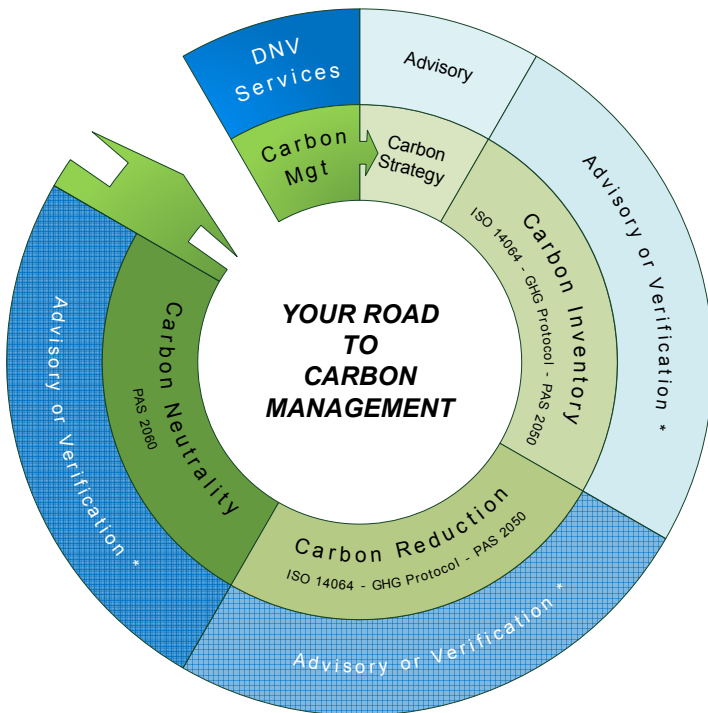
Scope 3 : other indirect emissions like employee travel, acquisition of materials, components and services, outsourced activities, waste disposal, transport, ...

Source WRI/WBCSD GHG Protocol corporate accounting and reporting standard

- How to measure, manage, report, verify and offset my GHG emissions?
- How evaluate reporting options?
- What standards to apply and why standards are important?
- What are the costs and benefits of strategic GHG management?
- How characterize emissions, evaluate reduction options and decide on mitigation measures?
- How to identify risks and opportunities?

We can help you to answer all those questions

What Gets Measured, Gets Managed



Source DNV CC&ES ©

- Understand your carbon footprint; directly, indirectly, short and long term
- Understand how changes in market, investor and other stakeholder preferences may affect the positioning of your organization, products and services
- Understand how changes in carbon policy and new regulations may affect the cost and revenue of products and services, and how to consider a price of carbon in investment projects
- Integrate climate risks and opportunities into the overall company strategy and into an overall sustainability framework
- Manage climate risks in a best practice enterprise risks management framework
- Deliver 3rd party assessment on every Carbon Management step

**The services "Advisory and Verification" can not be provided jointly for the same project*

The benefits for you and your organisation ?

- ⇒ Improvement in operational costs and identification of savings
- ⇒ Proactive and responsible behavior
- ⇒ Reinforce your brand image and external communication strategy
- ⇒ Increase the competitiveness in the fast-evolving global market
- ⇒ Compliance with legislation and regulation

Why DNV ?

DNV (Det Norske Veritas) is a Norwegian foundation established in 1864 with the purpose of safeguarding life, property and the environment. The DNV global presence, with 9000 people working from 100 countries, enables us to offer services to both local and worldwide customers.

We believe in a partnership approach that benefits you and your organisation. DNV was selected "Best verifier 2010" in the annual Environmental Finance and Carbon Finance market survey of Environmental Markets magazine. This is the result of **DNV's** credibility built thanks to its climate change specialists who have a broad greenhouse gas verification and certification expertise combined with specific industry knowledge.

DNV has continually been at the forefront of the climate change response by, starting in 2004 with our recognition as the first Designated Operational Entity (DOE) to be accredited under the Kyoto Protocol by the United Nations Framework Convention on Climate Change (UNFCCC). DNV is the global market leader in the validation and verification of Clean Development Mechanism (CDM) emission reduction projects.

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