



Energy Transition Program

ABOUT

The Hague Centre for Strategic Studies (HCSS), an independent think-tank established in 2007:

- ▶ Seeks to anticipate the challenges of the future in strategic sectors with practical policy solutions and advice;
- ▶ Provides quantitative-driven analysis to policymakers and organizations for optimizing strategic decision-making;
- ▶ Cooperates with a large network of nationally and internationally affiliated experts, including the Netherlands Organisation for Applied Scientific Research (TNO), World Resources Institute, Clingendael Institute, Deltares and the Dutch Ministry of Defence;
- ▶ Clients include the EU, NATO, Greenpeace, and the Dutch Ministries of Economy and Climate, Foreign Affairs, and Security and Justice.

PRODUCTS & SERVICES

- ▶ Publications include topic reports, security studies, issue briefs, risk assessment, and scenario analyses;
- ▶ Interactive and online tools such as global monitors, predictive models, storyboards and dashboards;
- ▶ Organization of conferences, training and simulation sessions, workshops, expert meetings, and launch-events.

*Analyzes the
geopolitical challenges
of the multi-speed
global energy transition*

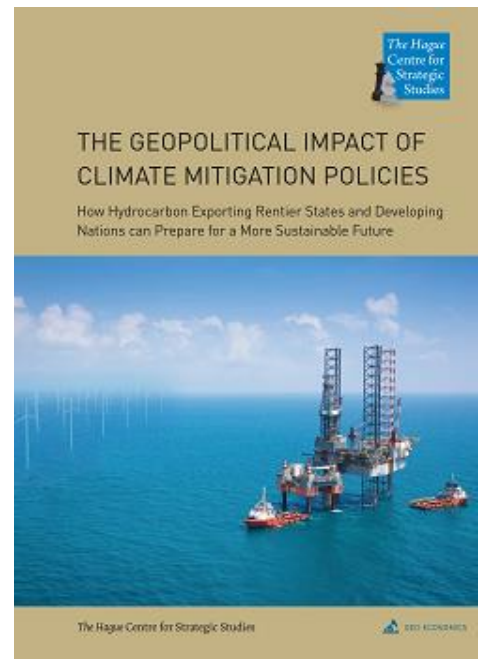
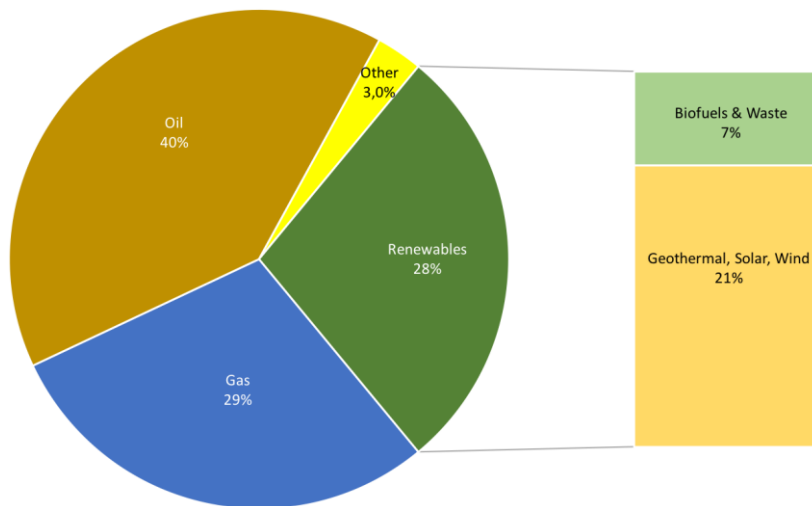
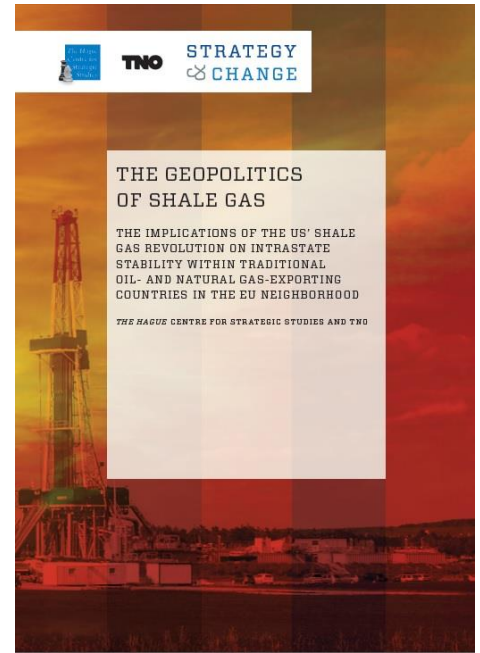
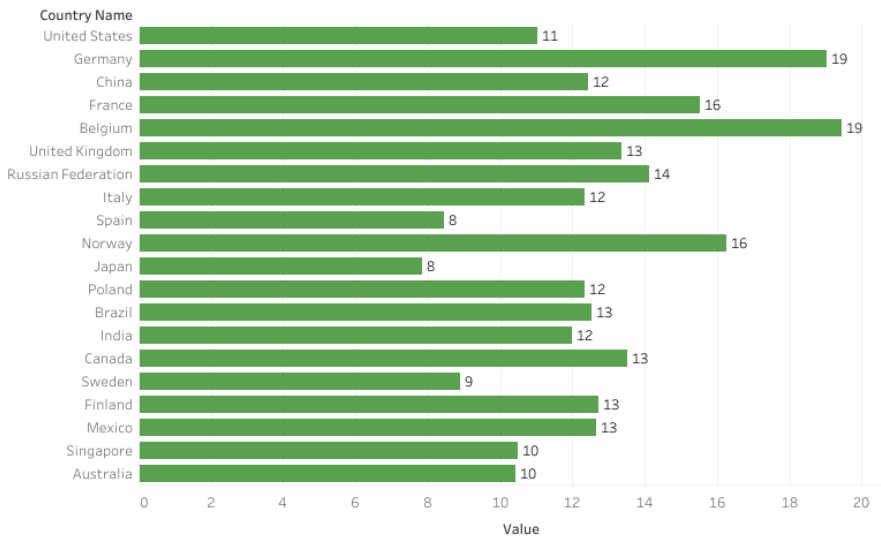
FOCUS

- ▶ **Explores** the geopolitical consequences of climate change, the socio-economic effects of new energy technologies and business models;
- ▶ **Analyzes** new aspects to the idea of national energy security in terms of greater centralization/decentralization of energy supply and related cyber risks;
- ▶ **Addresses** the reshaping of interstate energy relations in terms of patterns of cooperation and conflict;
- ▶ **Assesses** opportunities in investment and changing patterns of resource trade;
- ▶ **Formulates** strategic recommendations and scenarios regarding climate and energy-related vulnerabilities and dependencies in the global energy transition.

ADDED VALUE

- ▶ **Carries out** geographically-based reviews on the multi-speed energy transition (country-by-country and/or region-by-region);
- ▶ **Defines** geopolitical sensitivities related to a large-scale shift to renewable energy in terms of:
 - ▶ Governance;
 - ▶ Investment;
 - ▶ Trade surplus/deficit related to hydrocarbons, consumption, and reserves;
 - ▶ Renewable energy resource potential.

HCSS: Energy & Environment Utility



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