



ENERGY

KNOWING ENERGY MASTER PLANNING AND HOW TO BUILD CLIMATE ACTION PLANS FOR CITIES

Strategies and policies for a sustainable future for cities

The environmental impact of our day-to-day activities is driving elected officials, community members, regulatory bodies and the public to develop new approaches to managing and operating cities. To improve quality of life, build prosperity, reduce climate risks and improve resilience, government agencies and businesses are reexamining how they operate to leverage synergies between core objectives and sustainability strategies to reduce our impact on the environment.

Energy master planning and climate action planning are important activities for cities to comprehensively assess existing sustainability conditions and develop strategies to meet client goals. DNV GL's proven framework clearly outlines specific steps, issue areas, stakeholder engagement activities and analytical approach for prioritizing action.

The DNV GL framework employs a whole-system sustainability approach to planning projects and policy development. The approach is based on an in-depth

understanding of baseline conditions including energy consumption, greenhouse gas emissions, water use, and solid waste generation utilizing industry recognized protocols and standards. We incorporate this into advanced climate risk and resilience analyses.

Through our work with hundreds of local government and private sector organizations, DNV GL understands how to implement clean energy programs and facility level projects. Our recommendations are based on real-world experience across all building types and a variety of community characteristics.

POLICY AND PLANNING SERVICES

- Energy master planning
- Climate adaptation risk management and planning
- Climate action planning
- Greenhouse gas inventory and tracking system
- Green building policy
- Building energy codes and standards

Customized plans for diverse communities

We understand that no two entities are alike, and that each client has unique project goals, opportunities, and challenges. DNV GL brings both deep technical expertise and a well-rounded suite of policy and program experience.

- Smart meters
- Storage
- Microgrids
- Energy management software and tools

DNV GL strategy expertise includes:

- Resilience Risk Assessment
- Energy roadmap development
- Campus and neighborhood level strategies

DNV GL clean energy technology expertise includes:

- Energy efficiency
- Renewable energy
- Renewable energy integration
- Demand response

Contact us today to learn more about how we can develop a customized plan to reach your sustainability and energy management goals.

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Want to learn more about strategies and policies for a sustainable future for cities?

Please contact:

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Stakeholder engagement

Green building/reach code ordinances

Utility partnership programs

Energy supply contracting

Optimizing funding opportunities

ABOUT DNV GL

DNV GL is a global authority in business and technical consultancy, testing and inspection, emissions reductions, certification, and risk management across the energy value-chain.

With over 16,000 experts around the world, DNV GL is committed to driving the global transition toward a safe, reliable, efficient, and clean energy future. www.dnvgl.com