



GUS SCHELLEKENS

Director, PwC Sustainability and Climate Change Team

Years of Experience: >20

Location: London

Background

Gus is a Director in the PwC Sustainability and Climate Change Team in London. His consulting career has focused on managing and delivering large programmes of work with private and public sector organisations internationally. For the past 3 years, Gus has been leading PwC's efforts to support the development of large government and private sector solar programmes and projects. This has linked closely to the development of SuperGrids, smart city and other large infrastructure projects. His current clients include international Governments, renewable energy project developers, NGO's, academia and technology companies.

Key skills

- Expertise in the areas of international energy policy awareness and non financial barriers for renewable energy, including good understanding of the solar and renewable energy industry
- Strong understanding of the sustainability agenda in the areas of people, cities and infrastructure
- Deep programme management and business transformation consulting skills as well as strong learning & development and change management skills to support IT and non IT project delivery
- Extensive experience of working with the private and public sector organisations internationally across a range of industry areas – Transport, Health, Financial Services, R&C, Energy / Oil and Gas etc

Recent experience

- **WEF:** Gus led a project team that investigated the impact of regulatory and infrastructure barriers on the scale up of renewable energy technologies in five developing countries. The work consisted of desktop research, stakeholder engagement across the private and public sector organisations active in each of the countries and the publication of a final white paper. Interim findings were presented at Davos in 2011, with the final report launch and workshop in Cape Town in May 2011.
- **NER300 work for the European Commission:** PwC UK were appointed by the European Commission (EC) to advise on the NER300 competition. The objective of this competition was to use approximately 5bn Euros to co-fund the construction and operation of 8 commercial Carbon Capture Storage plants and 34 innovative renewables projects. It is the world's largest public investment programme in low carbon technology and a key part of Europe's strategy to tackle climate change. Gus was the Programme Director for a PwC led consortium that developed the requirements that both project developers and national governments will follow, as well as the evaluation and award process.
- **Asian Development Bank** – Since December 2009, Gus has been a strategic Advisor to the ADB supporting them with the development of their Asian Solar Energy Initiative programme of work. This is looking to identify and develop 3,000 MW of large solar projects in developing member countries in Asia Pacific by 2012. ADB plans to provide \$2.25 billion in finance to the initiative, which is then expected to leverage an additional \$6.75 billion in solar power investments over the same period.
- **European Climate Foundation** – Gus was the lead author and led a cross-organisational project team that developed a policy roadmap for Europe and North Africa that looked to support the implementation of CSP on a large scale as part of a wider vision to achieve a 100% renewable electricity supply by 2050. The work involved the analysis of the current situation, the development of a feasible 2050 "vision" and the identification of the potential issues that may hinder the vision. Themes included policy, market structure, infrastructure and economics. A gap analysis approach was used to identify the key activities and enablers required to deliver this vision and the timescales over which they should occur. This analysis was presented as a Policy Roadmap for policy makers and the business community. A year on, in March 2011, Gus led the development of a further report to provide an update on progress made by governments and industry towards this vision over the past 12 months.

- **Solar Developers / Investor Community:** Gus has been closely involved with a number of solar developers and investors to support the development and delivery of solar projects in North Africa and the Middle East. He is currently supporting a number of opportunities resulting from the Desertec Industrial Initiative and World Bank Clean Technology Fund programmes. Specific examples include:
 1. **Tunisia:** Gus is part of a team delivering advisory support to a solar developer to develop a concessionary framework and receive formal approval in Tunisia to build a 2000MW CSP plant (tower). Consulting advice on Art 9, accounting and tax advice are also being provided by PwC.
 2. **Jordan:** Tax and advisory support to a Solar developer looking to build a 100MW CSP plant (Fresnel) to support the financial close of the project, tax structuring of the project and developer entity.
- **Consultation on Solar Investment Plans** – Gus has provided informal feedback on a number of large schemes which propose to significantly increase the presence of solar energy in the power sector. These include the EU Commission’s Strategic Energy Technology Plans, the World Bank’s Clean Technology Fund programme and the IEA’s CSP Roadmap. Gus is also a strategic advisor to the Asian Development Bank supporting them with the design of their Asian Solar Energy Initiative (development of 3,000 MW of large solar projects in developing countries in Asia Pacific by 2012).
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Recent Articles, Publications, Industry Engagement

1. Schellekens, G., Battaglini, A., Patt, A., Lilliestam, J., McDonnell, J., (2010). 100% renewable electricity, a roadmap to 2050 for Europe and North Africa. PwC, UK.
www.pwc.co.uk/eng/publications/100_percent_renewable_electricity.html
2. Schellekens, G., Battaglini, A., Patt, A., Lilliestam, J., Finlay, C., (2011). Measuring progress towards 100% renewable electricity for Europe and North Africa. PwC, UK.
<http://www.pwc.co.uk/eng/publications/moving-towards-100-renewable-electricity-by-2050.html>
3. Schellekens, G., et al (2011), Scaling Up Renewables: Developing Renewable Energy Capacity – Addressing Regulatory and Infrastructure Challenges in Emerging Markets, World Economic Forum (2011).
http://www3.weforum.org/docs/WEF_EN_ScalingUpRenewables_Report_2011.pdf
4. Reid, Lilliestam, Patt, Schellekens, Mitchell, Battaglini (2010), A Global Renewables Investment Plan: Scaling up investments in renewable energy technologies, Contribution to the Delhi International Renewable Energy Conference, New Delhi, 26th to 29th October 2010 for the German Government
http://www.direc2010.gov.in/pdf/2209-10_GTZ_GRIP-Studie_RZ_SCREEN.pdf
5. Conferences: Gus is a regular speaker and presenter at many of the renewable energy industry’s main conferences including WEF’s CEM’s, Solar PACES, EU SET Plan, Renewable Energy Future Forum, World Petroleum Congress, Doha and other government led events. Gus has also contributed to a number of TV programmes and articles in national newspapers and scientific journals including The Sunday Times, The Ecologist, Sky TV and others.

Professional qualifications and other skills

- BSc (Hons) Biology with Oceanography (2i), Southampton University
- MSc in Management Science, Imperial College, London
- Certificate in International Business (part), New York University, USA
- PRINCE2 Practitioner & MSP Foundation Level
- Member of the Major Projects Association
- Good spoken Dutch, French, German and Greek