

# Solar PV Power Projects Feasibility & Development

## About the Trainers

**Mr. Christophe Inglin** is a veteran of the solar photovoltaics (PV) industry, with two decades of experience throughout the value chain ranging from silicon ingots to turnkey solar power plants. He is currently co-founder and Managing Director of Energetix Pte Ltd, which designs, installs and maintains rooftop solar power plants and utility-scale solar farms.

Prior to establishing Energetix, Christophe served as:

- Managing Director of Shell Solar Pte Ltd (formerly Siemens Showa Solar), for which he was responsible for Shell's Asia Pacific solar business (December 1996 - June 2006)
- Managing Director and co-founder of Phoenix Solar Pte Ltd (October 2006 - July 2015).

Christophe is currently Vice Chairman of the Sustainable Energy Association of Singapore (SEAS), where he also chairs the Clean Energy Committee. Christophe is an experienced PV sector trainer and teaches a bimonthly PV technology course at Singapore's Building & Construction Authority (BCA), and a quarterly course at Malaysia's Real Estate & Housing Developers' Association (REHDA). He also teaches in-depth workshops for the Asian Productivity Organisation, headquartered in Tokyo, and at SEAS in Singapore. He is a frequent speaker at renewable energy conferences and forums in the region.

Christophe is a Director of InseadAlum Ventures Pte Ltd and serves on the Singapore Polytechnic's School of EEE Advisory Committee. Before moving to Singapore in 1996, Christophe worked for Siemens Semiconductors and Siemens Management Consulting in Munich, California and Zurich.

Christophe is a Singapore Permanent Resident, with Swiss and British nationalities. He has a BSc in Electronic & Electrical Engineering from the University of Surrey in England, and an MBA from INSEAD.

**Dr Bart Lucarelli** is President of Roleva Energy Ltd., an energy consultancy firm that conducts commercial and financial assessments of private power and fuel projects on behalf of private power producers, equity investors, lenders and governments. He is an international project management expert with 34 years of international experience and 26 of those years in Asia, with growing expertise in the assessment of renewable energy projects. Dr Lucarelli is a well-established expert in the areas of (i) fossil fuel procurement and market analysis and (ii) power project development.

His power related experience since 1996 include:

- development of gas-fired IPP projects in Thailand and Singapore (1996-2000);
- serving as the General Manager of the Quezon Power Company, a 460 MW coal-fired power plant located in the Philippines (2001 -2004);
- conducting on behalf of a private equity firm a comprehensive comparative DCF analysis of solar, wind, coal, gas and nuclear power options at hypothetical sites in Asia (2015-16); and
- managing multi-disciplinary consulting projects ranging from (a) developing new Asian IPP power projects, (b) assessing the feasibility of developing a large -scale biodiesel project on Kalimantan, (c) assessing the feasibility of advanced fossil fuel and renewable energy technologies, and (d) conducting due diligence studies of coal and gas markets in Asia.

Dr Bart Lucarelli is a frequent speaker at energy conferences in the region and since 2009 has conducted a popular IBC workshop on coal pricing strategies. He resides in Bangkok and has a Bachelor's Degree in Economics and Master's and PhD degrees in City and Regional Planning from the University of California Berkeley. His area of specialisation for his PhD program was energy planning with a focus on the use of biofuels as a replacement for fossil-fuel based liquid fuels.

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