



# **Expert Segment of the 2013 SPECA Economic Forum “Public-Private Partnerships”**

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# Contents



- **Introduction to the PPP concept;**
- **Some key lessons learned during the project;**
- **Potential green technology projects identified in SPECA countries.**





# What are PPPs?



## Definition (UNECE Guide to Good Governance):

*«Innovative, long term, contractual arrangements for developing infrastructure and providing public services by introducing private sector funds, expertise and motivation into areas that are normally the responsibility of government»*

- **public infrastructure divided into «economic» and «social»**





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# What are PPPs?



## Four key elements:

- long term contract;
  - payment over the life of the PPP contract;
  - allocation of risks; and
  - reversion of asset to public sector.
- **Alternative to traditional procurement...**
  - **...risk transfer from public to private sector, inter alia: costs of design and construction; cost of time overruns; and operation and maintenance costs.**





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# Lessons learned



- **Political will;**
- **Training and capacity building;**
- **Institutions: PPP unit (one-stop-shop);**
- **Cooperation and coordination: more dialogue between lead and line ministries and the environment agencies;**





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# Lessons learned



- **Legal and regulatory framework: fewer, better, simpler laws;**
- **Financial and Business climate: long-term lending is crucial;**
- **Fully costed infrastructure plans: National Infrastructure Plan;**
- **Outsourcing: performance-based contracts;**





# Green Technology Projects



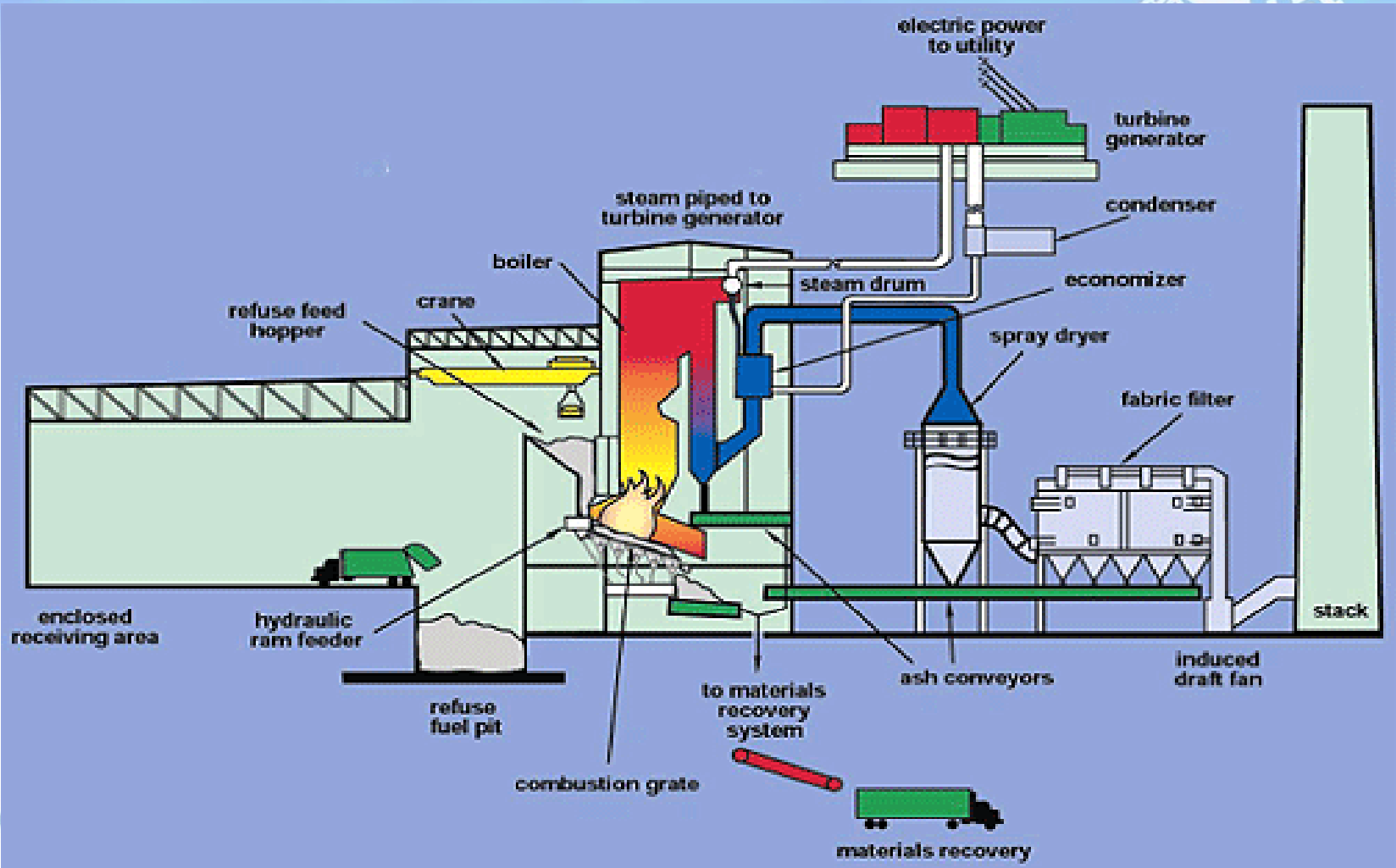
- **Waste Management (waste-to-energy);**
- **Solar and wind farms;**
- **Hydro power generation;**
- **Street lighting**





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# Waste-to-energy







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# Waste-to-energy



# Solar farms



AND GREEN





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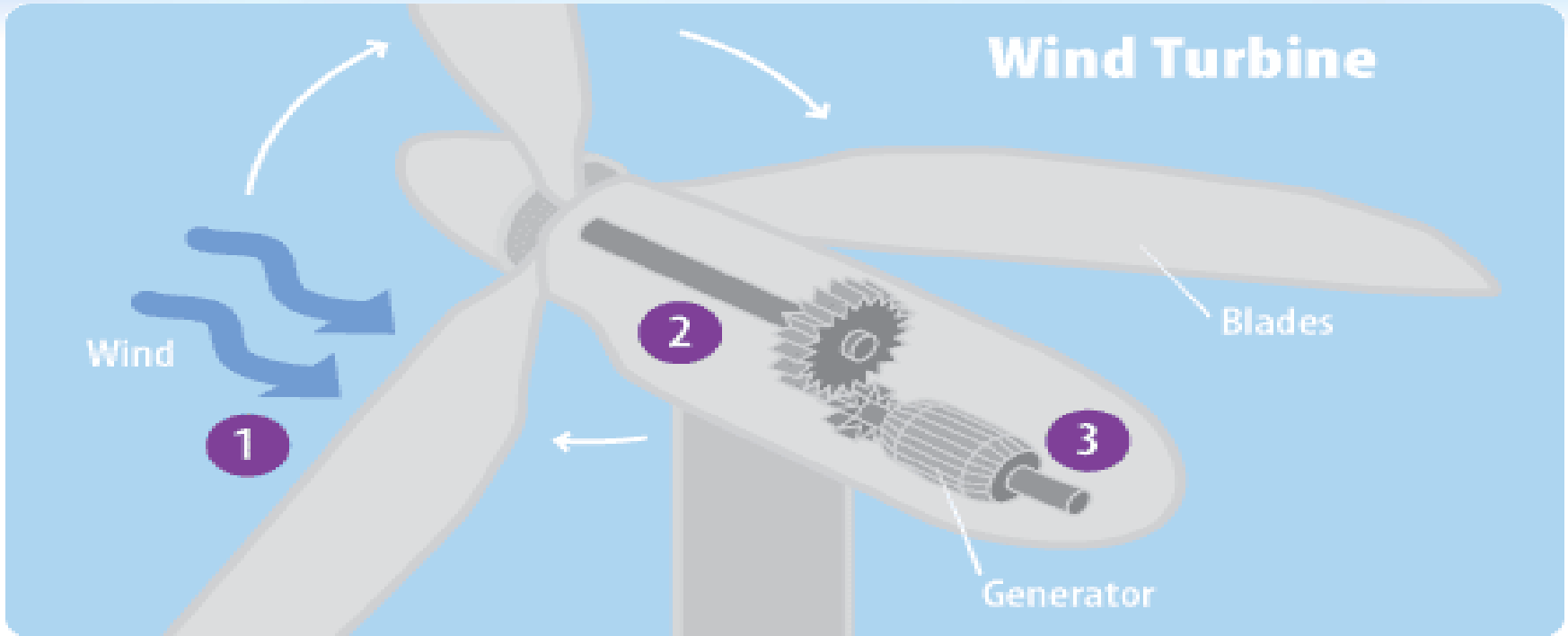
# Wind farms





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# Wind farms





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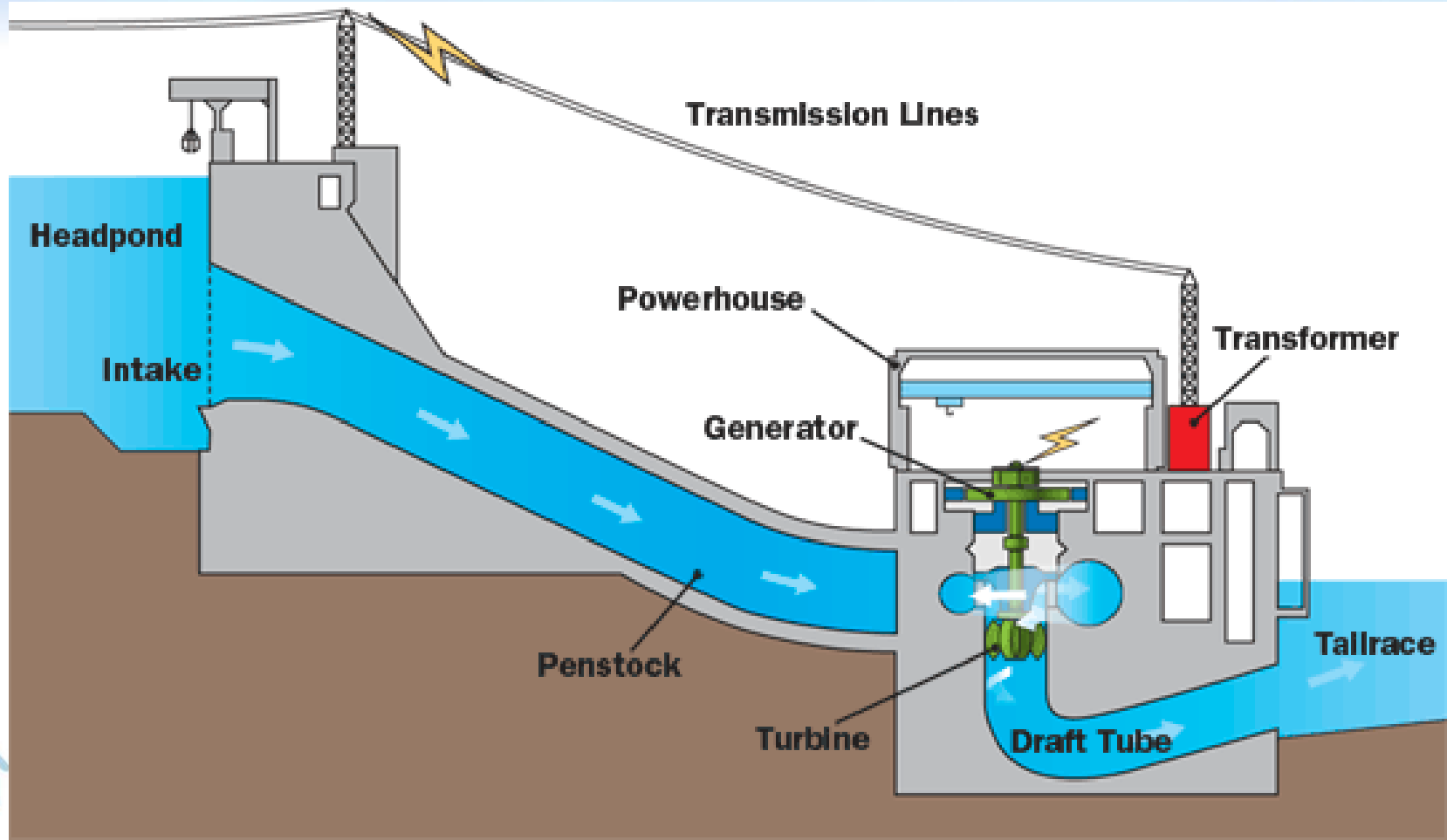
# Hydro power





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# Hydro power





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# Street lighting



深圳市证通光电有限公司

> more details



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# Street lighting



***BEFORE***

***AFTER***







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# Conclusion

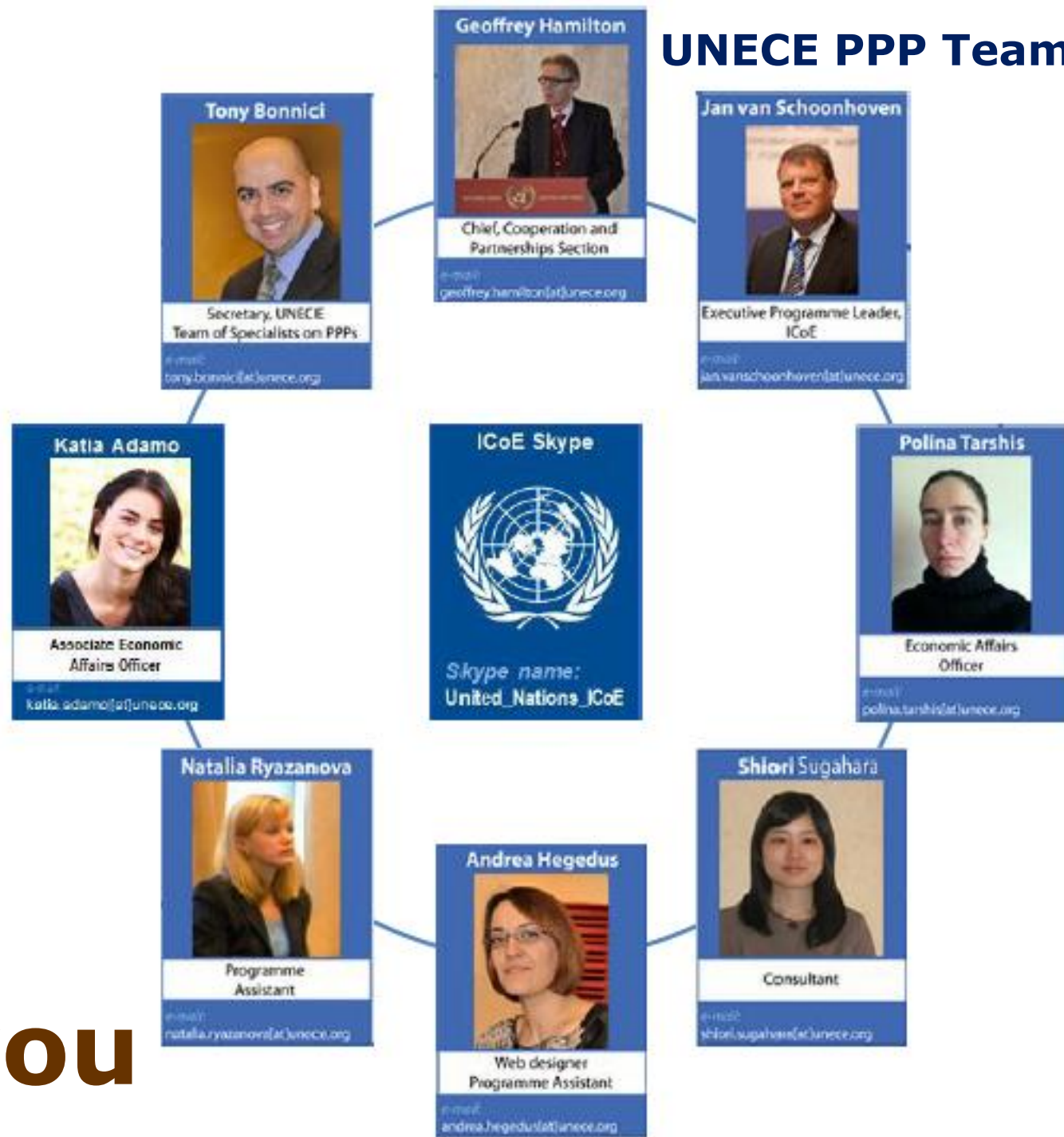
- **undertake projects for the benefit of the citizens, including the socially and economically disadvantaged;**
- **allow governments to approach projects hitherto unobtainable due to lack of funding;**
- **embrace the MDGs: challengers of sustainable development and decent livelihoods of citizens;**
- **are fundamentally about the betterment of the daily lives of citizens by improving the quality of their water, their health services and their environment.**





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# UNECE PPP Team



# Thank you