

LUCIA

GREEN PROCUREMENT FOR OUTDOOR LIGHTING

Experiences of procurement in Porvoo

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The procurement - How did we do it

Green procurement / **the designing stage**

- Green aspect was one prior criteria in procurement of designers of outdoor lighting
- Green thinking through the whole designing process
- Materials, appliances and function of lights were designed using the environmental aspect (light pollution, source of energy, materials with smaller carbon footprint)

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The procurement - How did we do it

Green procurement / **purchasing the materials and setting up the lighting**

- Materials, products and lighting technology was specified accurately during design process ➡ no alternative products were allowed
- Call for tenders was sent to contractors with framework agreement in electrical works ➡ no open procurement, easier process
- Storing and setting up the lighting was included in procurement

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The procurement - How did we do it

Notes about procurement processes

Stage of design

- Using criterias that emphasise green thinking require more effort in procurement process than using criteria such as experience or degree of a person
- Accurate design work ➡ easier to execute the next steps
- communication between designer and contractors / material suppliers / maintenance ➡ better quality and lower costs in long run?

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The procurement - How did we do it

Notes about procurement processes

Purchasing the materials and technology

- Tight schedule causes easily mistakes in documentation
- Electrical appliances are not easy to get in low price ➡ prepare for extra costs
- Plan how and where to store
- Check the impact of logistics costs (green thinking!)

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Successful green procurement – critical points

- Plan the process from very start to the end and even further
- Give enough time for all possible stages
- Ensure communication between different fields
- **How to ensure the decision makers / politicians that money and time might be needed if we want to make environmental solutions?**

