

# Crowd-Funding PV-Power Station Schönkirchen

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EVN – Paul Hinner

# Agenda



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- Power Station
  - Photovoltaic
  - Crowd Funding
  - Legal Concept
  - Questions

# Photovoltaic Sun-Power Station Property

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- Property is a former waste deposit
  - No alternative usage
  - Not competing with agriculture, living or forest
  - Cheaply available
  - Special laws need to be obeyed
- Support required
  - Public authorities for waste dumps
  - Land lord, dump-administration, other stakeholders
- Technical Requirements
  - Protect sealing of dump surface
  - No construction may intrude more than 0,5 m into soil
  - Special trucks required (minimizing surface pressure)
  - Methane gas emissions – NO SMOKING required



# Photovoltaic



- 2 separate power plants
- 1 mWp (2 x 500 kWp)
- 2 SolarMax inverter systems
- 4.000 PV-panels – 250 Wp each
- Connected to 20 kV grid: 400mm<sup>2</sup> aluminum cable



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- High demand for crowd funding offers
  - Customers like to support production of sustainable energy
  - Broad Energy Movement in Lower Austria for creation of sustainable energy facilities
  - Area municipalities demand for crowd funding
  - Lack of opportunity
    - No access to roof / property fit for PV.
    - Too old for investment in PV
    - Lack of ability to organize PV oneself
  - Good & safe investment

# Crowd Funding Offer

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- Customers can buy 1-15 panels à € 600,-
- Only whole panels can be purchased
- Ownership of panels for 13 years
- Rent paid is € 44,44 p.a. per panel
- Repayment after 13 years is € 210,-
- Total payment to customer is € 787,72
- Equal to interest rate 3,33%
- Early sale of panels possible
- EVN will purchase all panels of customers, who want to return them early or after 13 years.
- All risk is covered by EVN & insurance.

# Crowd Funding Options & Selection of Model

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- Cooperative
- Membership association
- Limited company
- Sale & lease back
- BGB – partnership under Civil Code
- Financing via Banks
  - Closed funds
  - Special bond
  - Other special products
  
- Establish criteria: fit for purpose you follow.



# Crowd Funding Legal Concept

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- Sale & lease back
  - Whole panels
  - With contract
- Legal ownership of panels is with customer
- Economic ownership remains with EVN (whole plant)
- Taxation follows economic view
  - Depreciation needs to be done in EVN.
- Alignment with local financial market supervision
  
- Ease of implementation & administration



# Questions

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