

## Webinar series on Solar-powered technologies

**Webinar 1: 14 November 2023**

**Webinar 2: 21 November 2023**

**Webinar 3: 28 November 2023**

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### Webinar 1 **Solar-powered technologies (with a focus on small-scale off-grid applications in African region)**

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- 11:00 **Photovoltaic (PV) electricity**  
*Prof. Christof Biba, SPF Institute for Solar Technology*
  - 11: 15 **Solar-powered water pumping systems**  
*Kanchan Bohara, SPF Institute for Solar Technology*
  - 11:30 **Solar-powered water treatment systems**  
*Dorothee Spuhler, UMTEC Institute of Environmental and Process Engineering*
  - 11:45 **Q&A session**
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### Webinar 2 **Realization of solar-powered systems (with a focus on small-scale off-grid applications)**

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- 11:00 **Problem identification, boundary conditions, technical solution and project planning**  
*Andreas Reber, SPF Institute for Solar Technology*
  - 11: 15 **Stakeholders and their benefits, project financing**  
*Dylan Derradj, Eastern University of Applied Sciences (OST)*
  - 11:30 **Realization, and utilization and maintenance**  
*Laryee A. Sannor, Bowier Trust Foundation Switzerland (LMT)*
  - 11:45 **Q&A session**
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### Webinar 3 **Examples of realized solar-powered projects**

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- 11:00 **Solar-powered irrigation system in Nepal**  
*Manoj Pantha, Ministry of Energy, Water Resources and Irrigation, Nepal*
  - 11: 15 **Solar-powered water pumps from Ennos AG**  
*Karin Jeanneret, Ennos AG*
  - 11:30 **Solar-powered gravity driven membrane drinking water kiosk (example from Uganda)**  
*Lukas Bouman, Eawag-Sandec*
  - 11:45 **Q&A session**
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