About the International Solar Energy Society (ISES)

- ISES, is a non-profit UN-accredited membership NGO.
- Our mission: 100% renewable energy for all, used efficiently and wisely.
- ISES represents a diverse membership of academics, researchers, energy practitioners, consultants, students, businesses and advocates.
- ISES works together with like-minded organizations from countries all around the world to advance the renewable energy transformation.

www.ises.org
Global wind and solar installations, cumulative to June 30, 2018

Source: Bloomberg NEF. Note: 1H 2018 figures for onshore wind are based on a conservative estimate; the true figure will be higher. BNEF typically does not publish mid-year installation numbers.
Innovation in Transforming Energy Systems and Markets to 100% Renewable Energy

Why Chile?
✓ Growing solar energy industry and markets
✓ Committed research community
✓ Strong renewable energy policies
✓ Excellent solar resources!
✓ First ISES Solar World Congress in South America

Source: SOLARGIS December 4, 2018 SWC 2019 Launch Event, Santiago
Future Market Opportunities shifting to India and south Asia, southeast Asia, MENA, Sub-Saharan Africa, southern Africa, and Central and South America
ISES Solar World Congresses

✓ Held Biennially since the 1970
✓ Offers professional and B to B Networking
  - Special activities for Young ISES: Students and emerging professionals
✓ Brings together research, industry, policy and financial sectors
✓ Recent Solar World Congresses
  - SWC 2017: Abu Dhabi, UEA
  - SWC 2015: Daegu, Korea
  - SWC 2013: Cancun, Mexico
  - SWC 2011: Kassel, Germany
  - SWC 2009: Johannesburg, South Africa
  - SWC 2007: Beijing, China
A Robust Renewable Energy Market Requires

...and strong public support and acceptance

- Supportive Policies
- Technology Innovation
- Investment Capital
National Targets for Share of Renewable Energy in Final Energy, by a Specific Year, in Place at End-2017

87 Countries have RE targets; Denmark target is 100%

Source: REN21 Policy Database
• SWC’s place emphasis on innovation to complement advocacy
• Innovation still needed to ensure the energy transformation results in a carbon-free system everywhere
• But, in addressing climate change, governments may trend away from this...

U.S. Federal Funding for Solar Deployment and Innovation (source: Brookings, 2018)
SWC 2019 Themes

- Solar Heating and Cooling Technologies
- Solar Heating and Cooling Applications
- Solar and Renewable Electricity
- Energy Storage for Heat and Electricity
- Solar Energy Markets and Policies
- Energy Systems and Sector Coupling
- Off-Grid & Rural Energy Access
- Solar Architecture
- Clean Water Technologies
Call for Participation in SWC 2019

- Abstracts on all themes welcome
- Special thematic Forums to be organized
- Papers/posters to be published in Congress proceedings
- Special issue of SEJ to be produced from selected papers
- Submit your abstracts by 28 February 2019

www.swc2019.org