



INTERNATIONAL RENEWABLE ENERGY AGENCY (IRENA)

INSPIRE

**PLATAFORMA EN NORMAS INTERNACIONALES Y PATENTES EN
ENERGÍAS RENOVABLES**

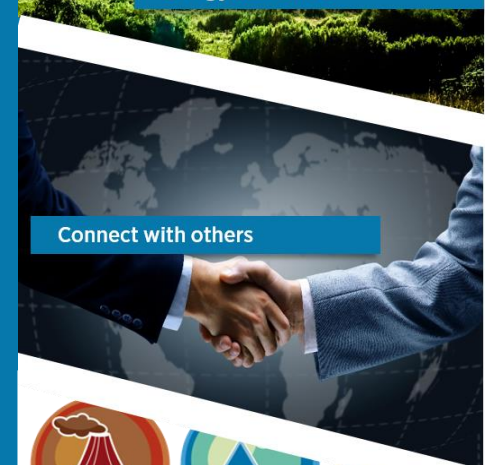
Miercoles 13 de Junio, 2017
Forum on Regional Cooperation: Developing Quality Infrastructure for
Photovoltaic Energy Generation



Explore renewable energy patent information



Learn about renewable energy standards



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¿Qué es INSPIRE?

Una plataforma interactiva de IRENA sobre Normas Internacionales y Patentes en Energías Renovables – INSPIRE:

- Más de **400 normas** internacionales
- **2 millones** de patentes
- Incluye **referencias normativas**
- **Comites Técnicos** que desarrollan normas y los enlaces de contacto
- Módulo en **Infraestructura de Calidad**

IRENA
International Renewable Energy Agency

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IRENA
INSPIRE
INTERNATIONAL STANDARDS AND PATENTS IN RENEWABLE ENERGY

EXPLORE INFORMATION
ON PATENTS FOR
RENEWABLE ENERGY

Interested in RE patents?
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Learn about RE standards
Information on standards development and project
application
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Networking and more
Get in contact with developers and find reports on
the topics
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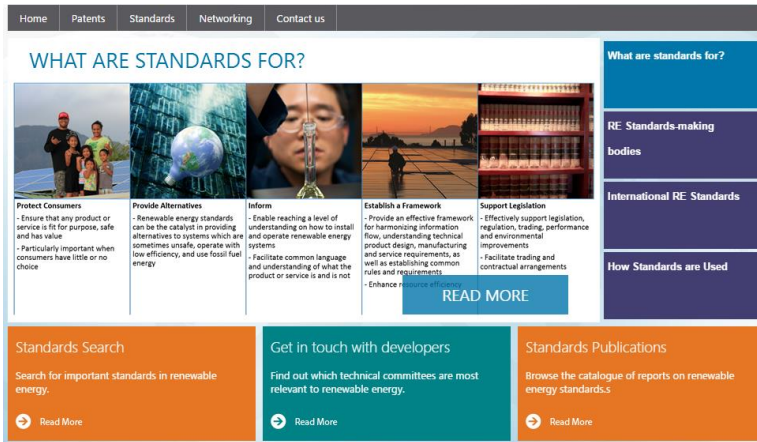
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Distintas formas en las que pueden utilizar INSPIRE

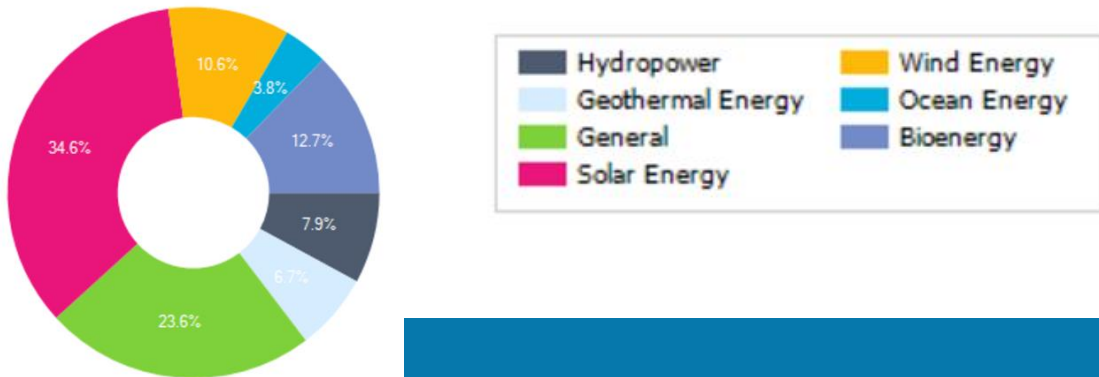
□ Aprender sobre normas:

Responde al que son, por que existen y como usarlos



□ “Benchmark” con otras tecnologías

Technology Group

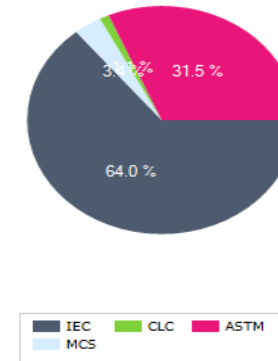


□ Desarrollo de Proyectos:

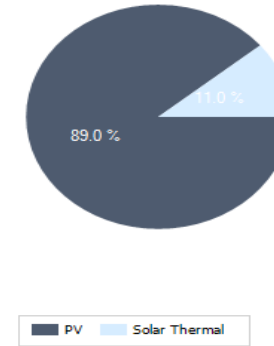
Instalación, Operación, Mantenimiento, entre otros

Result charts

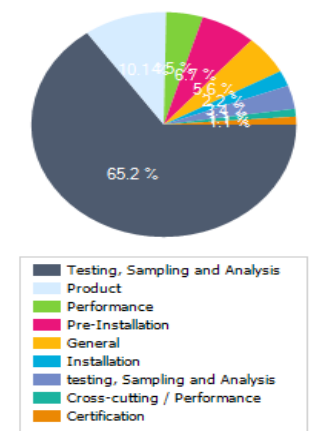
Bodies



Technologies



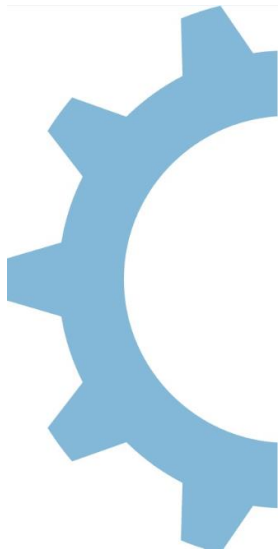
Aspects



□ Requisitos para **financiamiento** de proyectos

□ Conocer y ser parte de una **red de expertos**

¿Como encontrar las normas internacionales más relevantes para energías renovables ?



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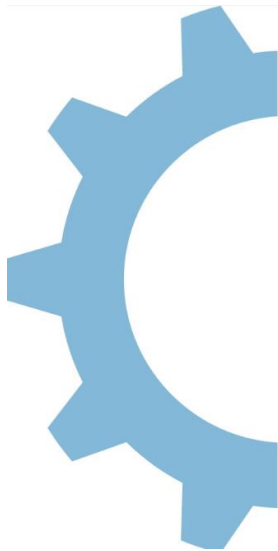
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News and Events

Extending the Frontier of PV Reliability IRENA at the World Future Energy

Quality Infrastructure: Develop, Control, Cost and Benefit

¿Interesados en conocer o ser parte de un comité técnico de normas?



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News and Events

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¿Cuáles son los últimos desarrollos en tecnologías de Solar PV?





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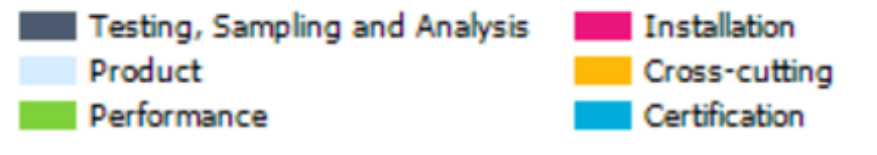
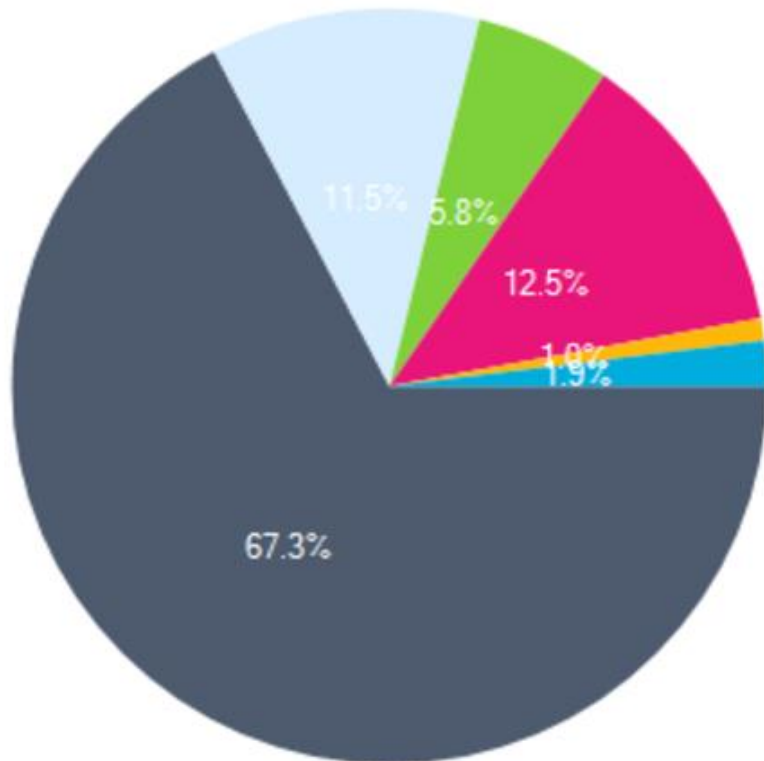
Reporte: Utilizando Normativas Técnicas en los últimos avances tecnológicos en Solar PV



Oficina de Energía



Aspects



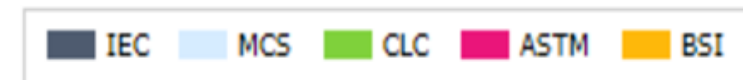
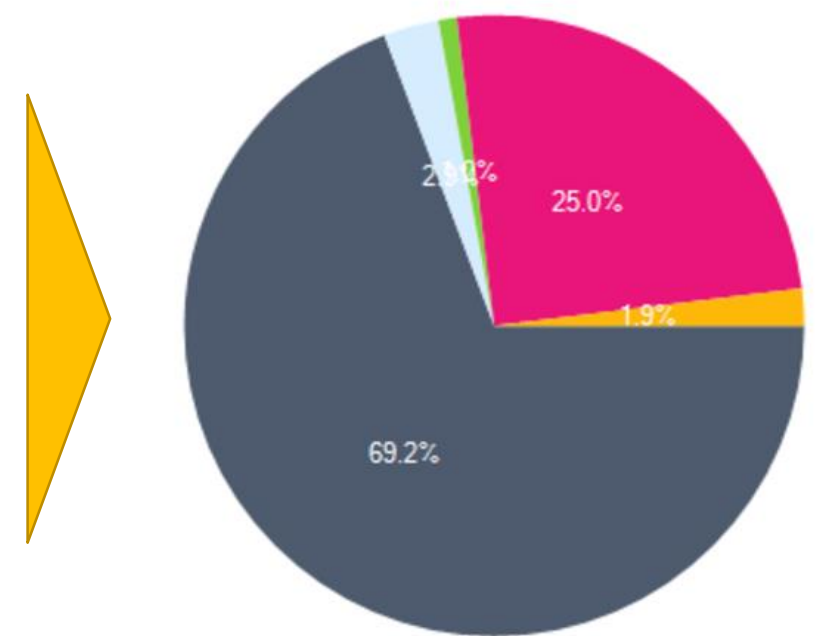
We found 104 entries:

Standards for Solar PV:

- IEC 60891 ed2.0 : Photovoltaic devices - Procedures for **temperature and irradiance corrections** to measured I-V characteristics
- IEC 61215-1 ed2.0 : Terrestrial photovoltaic (PV) modules - **Design qualification** and type approval - Part 1: Test requirements
- IEC 61701 ed2.0 : **Salt mist corrosion** testing of photovoltaic (PV) modules
- IEC 60068-1, **Environmental testing** – Part 1: General and guidance

IEC 62109-2 ed1.0 : Safety of power converters for use in photovoltaic power systems - Part 2: **Particular requirements for inverters**

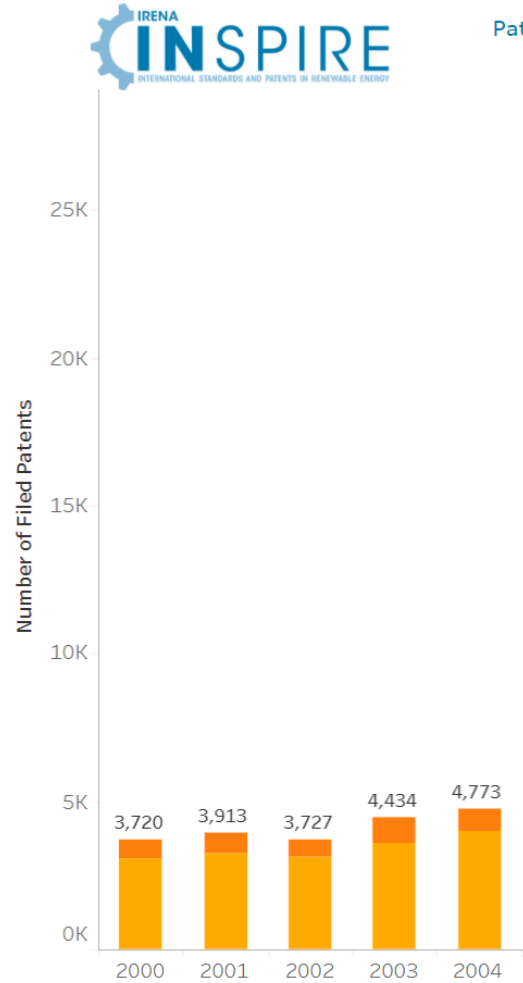
Bodies



Últimas tendencias en Solar PV

Patentes en Solar PV

Los últimos 5 años

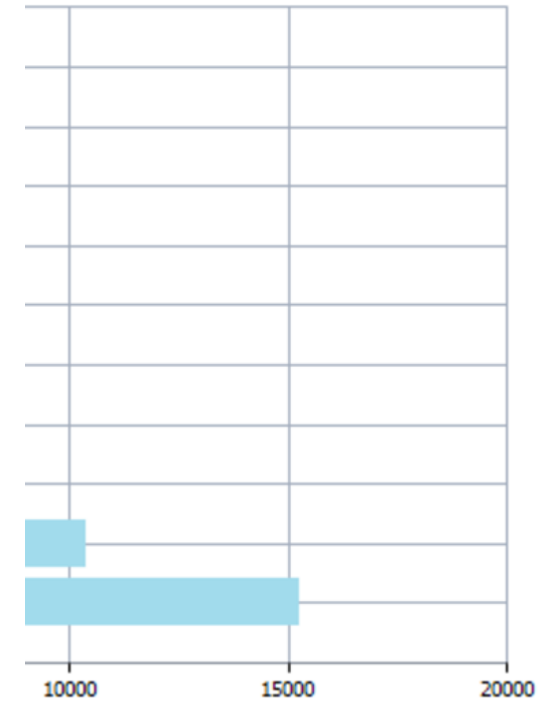


Pat

Top 10 Applicants

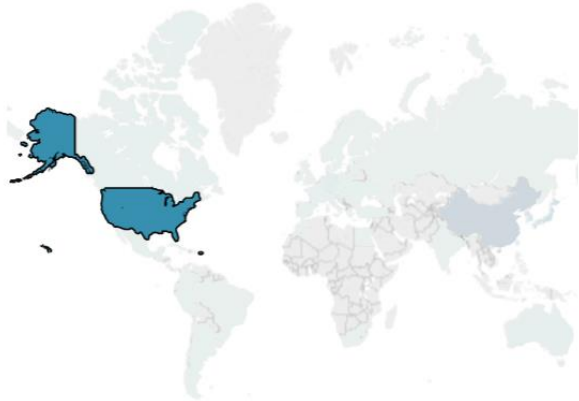
The following persons or organisations have filed the most patents in the selected timeframe:

Applicant	Patent filings
STATE GRID CORPORATION OF CHINA	348
OCEAN'S KING LIGHTING SCIENCE & TECHNOLOGY CO., LTD.	272
ZHOU MINGJIE	272
SHENZHEN OCEAN'S KING LIGHTING ENGINEERING CO., LTD.	271
SHENZHEN OCEAN'S KING LIGHTING TECHNOLOGY CO., LTD.	270
SUNPOWER CORPORATION	268
FUJIFILM Corporation	264
KYOCERA CORP	260
Merck Patent GmbH	257
SHARP CORP	242



Patentes por países

USA

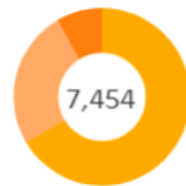


Breakdown by Category (United States of America)

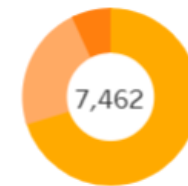
Hover over a country to find out more



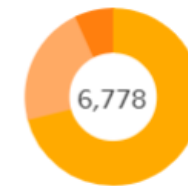
2009



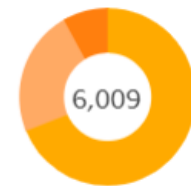
2010



2011



2012



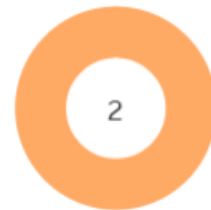
2013

Chile



Breakdown by Category (Chile)

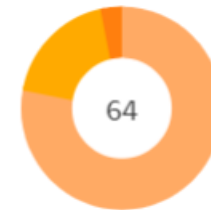
Hover over a country to find out more



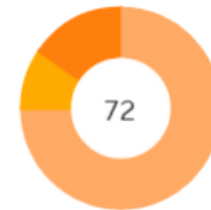
2010



2011



2012



2013

Desde el 2012 Chile ha estado registrando más patentes en energía solar.

Acceda a la información de contacto de las oficinas e instituciones de patentes de su país

Find Patent Offices and Institutions Worldwide

Zoom, pan and select an area of interest in the map below



Chile

Copyright Office

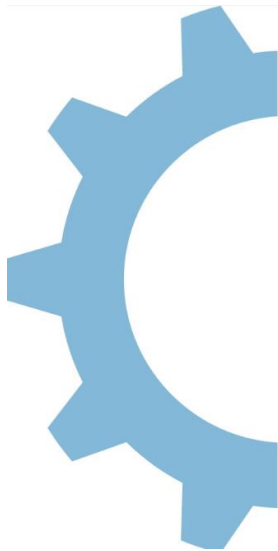
Ministry of Education, Intellectual Rights
Department (DDI), Directorate of Libraries,
Archives and Museums

Industrial Property Office

National Institute of Industrial Property,
Ministry of Economy

1. Entre en contacto con los puntos focales del país.
2. Reconocer potenciales colaboraciones.
3. Comprender e iniciar el proceso de presentación de patentes.

Estamos desarrollando un nuevo módulo sobre Calidad





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Quality Infrastructure: Develop, Control, Cost and Benefit

Estamos recopilando casos ilustrativos sobre el impacto de IC en los mercados de Energías Renovables.

Interesado en compartir su caso de éxito?

Contactenos:

Francisco Boshell (Fboshell@irena.org)

Alessandra Salgado (Asalgado@irena.org)



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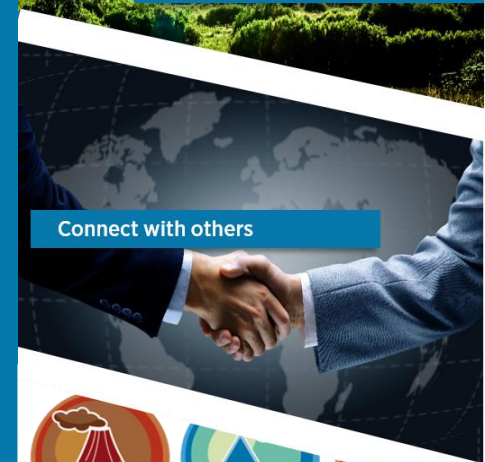
MUCHAS GRACIAS



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