

## Data identification

|                            |   |
|----------------------------|---|
| Title                      | Longterm yearly average of global irradiation at optimum tilt -Ireland - Global Solar Atlas 2.0   |
| Date                       | 2019-10   |
| Date type                  | Publication   |
| Abstract                   | Longterm yearly average of global irradiation at optimum tilt (GTI) in kWh/m2, covering the period 1994-2018  |
| Purpose                    | Assessment of solar resource for PV technologies  |
| Unique resource identifier | 8bcda9a7-f53a-53e7-1791-3be04db290f7  |
| Supplemental information   | This data layer represents an output from the Solargis global solar model. It has been delivered for the Global Solar Atlas ( <a href="https://globalsolaratlas.info/">https://globalsolaratlas.info/</a> ), online platform funded by the Energy Sector Management Assistance Program (ESMAP), a multi-donor trust fund administered by The World Bank, under a global initiative on Renewable Energy Resource Mapping.  |
| Keywords                   | Solar resource data, GTI, global irradiation at optimum tilt, Long-term average, Solargis, World Bank, ESMAP, Global Solar Atlas  |
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## 1. Point of contact

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## 2. Point of contact

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| Role              | Originator                                     |

|                |                                      |
|----------------|--------------------------------------|
| Topic category | Climatology, meteorology, atmosphere |
|----------------|--------------------------------------|

## Extent

### Geographic bounding box

|             |       |
|-------------|-------|
| West bound  | -11.0 |
| East bound  | -5.0  |
| South bound | 51.0  |
| North bound | 56.0  |

## Spatial resolution

|          |         |
|----------|---------|
| Units    | arc-sec |
| Distance | 9.0     |

## Lineage

|             |   |
|-------------|---|
| Statement   | Global irradiation at optimum tilt is calculated by Solargis algorithms   |
| Description | GTI calculated by Solargis algorithms and data. Main inputs: Global horizontal irradiation (GHI), direct normal irradiation (DNI) |

|                   |                                      |
|-------------------|--------------------------------------|
| File identifier   | 86531716-4bb0-a80d-bf96-59478f6485f1 |
| Metadata language | eng                                  |
| Character set     | UTF8                                 |

## Metadata author

|                   |                     |
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| Date stamp        | 2019-10-20T01:09:23 |