Business models catalogue

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| --- |
| Business model nameDescriptionTechnical requirements needed for its implementationTo be developed alone, complementing other technologies or both: |

# Business model basis

|  |  |  |
| --- | --- | --- |
| Basis | Yes/No | Description |
| Renewable energy |  |  |
| Circular economy |  |  |
| Energy storage |  |  |

# Evaluation of main criteria

|  |  |  |
| --- | --- | --- |
| Criteria | Evaluation  0 (Low)-10 (High) | Description if needed |
| Contribution to energy security |  |  |
| Use of renewable resources |  |  |
| Low investment barriers |  |  |
| Generation of economic growth |  |  |
| Contribution to regional development |  |  |
| Contribution to job creation |  |  |
| **Total evaluation value (0-60)** |  |  |

# Evaluation of other criteria

|  |  |  |
| --- | --- | --- |
| Criteria | Evaluation  0 (Low)-10 (High) | Description if needed |
| Technology Readiness Level (TRL) |  |  |
| Environmental sustainability |  |  |
| Synergistic potential |  |  |
| Sector coupling |  |  |
| **Total evaluation value (0-40)** |  |  |

# Result indicators

|  |  |  |
| --- | --- | --- |
| Indicator | Evaluation  0 (Low)-10 (High) | Description if needed |
| Full-Time new researchers |  |  |
| Companies introducing process/product innovations |  |  |
| Patent applications submitted to EPO |  |  |
| Energy users connected to smart grids |  |  |
| Capacity of renewable energy production |  |  |
| Energy efficiency (support for the smart grid) |  |  |
| Estimated low GHG emissions during the lifetime of the technology |  |  |
| “Tons” of recycled waste (more waste, lower value) |  |  |
| Space required to develop the option (more space, lower value) |  |  |
| Potential to stimulate other business activities |  |  |
| **Total evaluation value (0-100)** |  |  |

|  |  |  |
| --- | --- | --- |
| Global evaluation | Main criteria + Other criteria: | Indicators: |

# Additional information

Add any additional information you consider interesting for the business model, such as sources, performance forecasts, etc.

# Places where it was developed

Please indicate the name, region and country of any coal mining area where you know it was implemented or are developing its implementation.