**Application for Technical Assistance**

**Clean Energy Sector**

Date: <date>

***This box is filled by the CONNECTA 2 TA***

|  |  |
| --- | --- |
| **Request number** | **CONNECTA2-ENE-XX-XX-XX-XX** |

***Request to be filled by the submitter***

|  |  |
| --- | --- |
| **Title of the request** |  |

|  |  |
| --- | --- |
| **Beneficiary**(in charge of the assignment) |  |

|  |  |
| --- | --- |
| **Requesting institution**(in case this is different from the beneficiary, justification to be provided) |  |

|  |  |
| --- | --- |
| **IFI(s)**(involvement and role) |  |

|  |  |
| --- | --- |
| **Co-financing**(where relevant) for the investment project, including loans and grants |  |

|  |  |
| --- | --- |
| **Linked WBIF project**(if any) |  |

|  |  |
| --- | --- |
| **Geographical location/coverage – Western Balkans** |  |

|  |  |
| --- | --- |
| **Project Cycle status and available documentation**(please comment on adequacy of documentation where relevant to CONNECTA 2’s intended work) |  |

|  |  |
| --- | --- |
| **Project description**(description of requested technical assistance) |  |

|  |  |
| --- | --- |
| **Results to be achieved by the TA, with preliminary timeline and duration** |  |

|  |  |  |
| --- | --- | --- |
| **Indicative TA budget** |  | EUR |

|  |  |  |
| --- | --- | --- |
| **Indicative Total Investment** |  | EUR |

|  |  |
| --- | --- |
| **Sub-sector** | Electricity / Gas / Energy Efficiency / Renewable Energy / Decarbonisation / Clean Energy |

***Points to consider when applying for CONNECTA 2 assistance***

|  | **Yes** | **No** |
| --- | --- | --- |
| **1** | **Beneficiaries (specific target groups)** |  |  |
|  | 1.1 | National authorities/administrations in charge of energy infrastructure |  |  |
|  | 1.2 | Public utilities in charge of operating and maintaining the infrastructure |  |  |
|  | 1.3 | Private companies who may enter into public-private partnerships in the framework of the infrastructure projects to be supported and implemented |  |  |
|  | 1.4 | Regional and international organisations |  |  |
|  | 1.5 | Western Balkans´ inhabitants, with a special focus on minorities and vulnerable groups  |  |  |
| **2** | **Project identified/associated within an Economic and Investment Plan for the Western Balkans** |  |  |
| **3** | **Project existing in WBIF pipeline** |  |  |
| **4** | **Project included in national SPPs / agreed by NICs** |  |  |
| **5** | **Reference to Western Balkans Summits** |  |  |
| **6** | **Complementary to other EU-funded technical assistance contracts** |  |  |
|  | 6.1 | WBIFs IPFs |  |  |
|  | 6.2 | PPFs |  |  |
|  | 6.3 | JASPERS |  |  |
|  | 6.4 | Others (please specify) |  |  |
| **7** | **Reference to the Reform and Growth Facility (Growth Plan)** |  |  |
| **8** | **REGULATION (EU) 2022/869 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 30 May 2022 on guidelines for trans-European energy infrastructure** |  |  |
|  | 8.1 | The project is in line with Policy objectives of the EU and/or the Energy Community |  |  |
|  | 8.2 | Overall benefits outweigh its costs within the Union or within the Energy Community |  |  |
|  | 8.3 | The project is located on the territory of at least one Western Balkan country and on the territory of at least one EU member State or Energy Community Contracting Party and has significant cross-border impact |  |  |
|  | 8.4 | High level of convergence of the policy frameworks of the Western Balkan country: |  |  |
|  |  | * well-functioning internal energy market
 |  |  |
|  |  | * security of supply based, inter alia, on diverse sources, cooperation, and solidarity
 |  |  |
|  |  | * an energy system moving towards the objective of climate neutrality
 |  |  |
|  | 8.5 | The Western Balkan country involved support the priority status of the project and commit to complying with a similar timeline for accelerated implementation |  |  |
| **9** | **Infrastructure project (gas and electricity)** |  |  |
|  | 9.1 | High-voltage overhead lines (cables ≥ 150 kV; lines ≥ 220 kV) |  |  |
|  | 9.2 | Lowervoltage transmission system (lines < 220 kV)  |  |  |
|  | 9.3 | Electricity storage (U ≥ 110 kV, 20 MW) including pumped storage facilities (hydro) |  |  |
|  | 9.4 | Offshore grids (cables ≥ 150 kV; lines ≥ 220 kV) |  |  |
|  | 9.5 | Carbon-dioxide pipelines, facilities for liquefaction and storage |  |  |
| **10** | **Smart electricity grid projects** |  |  |
|  | 10.1 | Smart electricity grids (U ≥ 10 kV, TSOs and/or DSOs from 2 EnC CPs or between one Western Balkan country and EU, to satisfy at least two criteria, * 5,000 users,
* consumption 30 GWh/y,
 |  |  |
|  | 10.2 | Security of supply, including efficiency and interoperability of electricity transmission and distribution in day-to-day network operation, avoidance of congestion, and integration and involvement of network users |  |  |
|  | 10.3 | Market integration |  |  |
|  | 10.4 | Network security, flexibility, and quality of supply |  |  |
|  | 10.5 | Smart sector integration, through linking various energy carriers and sectors, or in a wider way, favoring synergies and coordination between the energy, transport, and telecommunication sectors |  |  |
| **11** | **Hydrogen projects (Hydrogen pipelines, storage, other equipment, and facilities)** |  |  |
|  | 11.1 | Contributes significantly to sustainability, including by reducing greenhouse gas emissions, by enhancing the deployment of renewable or low carbon hydrogen, with an emphasis on hydrogen from renewable sources in particular in end-use applications |  |  |
|  | 11.2 | Market integration, including by connecting existing or emerging hydrogen networks of MSs, or otherwise contributing to the emergence of a Union-wide network for the transport and storage of hydrogen, and ensuring interoperability of connected systems |  |  |
|  | 11.3 | Security of supply and flexibility |  |  |
|  | 11.4 | Competition |  |  |
| **12** | **Electrolyzes project (at least 5 MW of capacity)** |  |  |
|  | 12.1 | Sustainability, including by reducing greenhouse gas emissions and enhancing the deployment of renewable or low-carbon hydrogen in particular from renewable sources, as well as synthetic fuels of those origins |  |  |
|  | 12.2 | Security of supply, including by contributing to secure, efficient, and reliable system operation, or by offering storage, flexibility solutions, or both, such as demand side response and balancing services |  |  |
|  | 12.3 | Enabling flexibility services such as demand response and storage by facilitating smart energy sector integration through the creation of links to other energy carriers and sectors |  |  |
| **13** | **Smart gas grid projects** |  |  |
|  | 13.1 | The project contributes significantly to sustainability by ensuring the integration of a plurality of low-carbon and particularly renewable gases, including where they are locally sourced, such as biomethane or renewable hydrogen, into the gas transmission, distribution, or storage systems |  |  |
|  | 13.2 | Network security and quality of supply |  |  |
|  | 13.3 | Market functioning and customer services |  |  |
|  | 13.4 | Facilitating smart energy sector integration through the creation of links to other energy carriers and sectors and enabling demand response |  |  |
| **14** | **Decarbonisation (DE systems) and clean energy** |  |  |
|  | 14.1 | Energy efficiency |  |  |
|  | 14.2 | Digitalisation  |  |  |
|  | 14.3 | Ambient heat, air, ground, water (large-scale heat pumps) |  |  |
|  | 14.4 | Solar thermal |  |  |
|  | 14.5 | (Deep) geothermal energy |  |  |
|  | 14.6 | Power-to-heat |  |  |
|  | 14.7 | Fossil gas and alternatives |  |  |
|  | 14.8 | Biomass |  |  |
|  | 14.9 | Waste incineration |  |  |
|  | 14.10 | Excess heat |  |  |
|  | 14.11 | Combined heat and power technologies (CH(C)P)  |  |  |
| **15** | **Climate resilience – reference to the “Green Deal”** |  |  |
| **16** | **Gender and/or human rights aspects including contribution to closing identified gaps** |  |  |
| **17** | **Digital cross-sectoral component** |  |  |

**SCREENING**

**(max. 2 weeks allowed for comments from each stakeholder below from the moment of receipt of application)**

|  |  |
| --- | --- |
| CONNECTA 2 TA comments |  |
| IFI comments (if relevant) |  |
| EC DG ENER comments(if relevant) |  |
| EnCS (Energy Community Secretariat) comments(if relevant) |  |
| NIPAC / NIC comments |  |
| EU Delegation/ EU Office comments |  |

**SCREENING CONCLUSION (EC DG ENEST)**

|  |
| --- |
|  |