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| **INSTITUTION/CONTACT PERSON:** |
|  | **Last Name** | **Gadzhiyev** | **First Name** | **Rustam** |
| **Institution** | **Academy of sciences of Turkmenistan** |
| **Role in the institution** | **Chief expert** |
| **Address** | **15, Bitarap Turkmenistan str.** |
| **Town** | **Ashgabat** | **Country** | **Turkmenistan** |
| **Telephone** | **+99312943070** | **Email** | **rustamtme@gmail.com** |
| **Homepage address of the institution** | **www.science.gov.tm** |
| **INFORMATION ABOUT THE PLANNED PROJECT:** |
| **Erasmus+ International co-operation Activity** (higher education sector) – **type of the project idea** | **Please, tick the appropriate one/ones:** [ ] **Erasmus+ KA1: International students and staff credit mobility**[ ] **Erasmus+ KA1: Erasmus Mundus Joint Master Degrees**[x] **Erasmus+ KA2: Capacity Building Higher Education in Partner Countries**[ ] **Erasmus+ Jean Monnet programme** |
| **Discipline / Academic field** | **Renewable Energy with ICT use, Development ICT infrastructure** |
| **Institution’s preferable role in the project?** (applicant/partner) | [ ] **Applicant**[x] **Partner** |
| **Which countries are about to be involved?** | **Erasmus+ Programme Countries** | X |
| **Erasmus+ Partner Countries** | **X** |
| **Working language of the project consortium = language of the project application** | English |
| **Duration of the project** | **3 years** |
| **PROJECT DESCRIPTION:** |
| **Objectives**Creation of an Integrated National Platform on Renewable Energies (with ICT emphasizes) and Solar Energy Technology composed by 3 main Units: a. Educational; b. Industrial Training and Technology Transfer; c. Promotion and Dissemination of Solar Energy Systems.2. Development of teaching (local and distance) programs and R&D training for students, postgraduate students in close cooperation with Educational Institutions of Turkmenistan;3. Implementation of practical experience and technology in TM industry based on large-scale training and networking activities for monitoring and assessing new technologies, e.g. solar cells and other new energy technologies;4. Implementation of further stand-alone solar systems in Turkmenistan including internet-based control system, based on EU-TM networking. |
| **Activities**Creation of an Integrated National Platform (INP) on Renewable Energies and Solar Energy TechnologyDesign of a training program on Solar Energy Technology, compositions of teaching materialsImplementation of a training program on Solar Energy TechnologyImplementation of practical experience and technology for TM universities and industryTraining courses on environmental technology (+saving) and sustainability |
| **Results**In a result of the project the curriculum of students studying in the field of renewable energy, what will permit to prepare the specialists of European level will be updated.The best solution of the (from economy reason) practical use of solar panels will be determinate and based experimental solar house.  |

**We are searching for:**

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| **Types of institutions** | ICT, Renewable energy, Engineering.  |
| **Country/Region** | EU |
| **Institutions’ profiles** |  |
| **Other relevant information** |  |