



“Green EUI” – Upcoming initiatives for Sustainability and Environmental Management at the EUI (2021)

- **1.** Creation of a permanent EMS (=Environmental Management System) steering committee, composed by members of the Academic and Administrative community, to supervise the EUI environmental strategy and take decisions at EUI institutional level on provisions aimed at reducing the EUI carbon footprint. **DONE (next meeting planned for nov 2021)**
- 2.** Project plan for achieving EMAS (= Eco Management and Audit Scheme) registration for the entire EUI. EMAS registered organizations are committed to improving their environmental performance through an institutionalized system based on concrete actions addressing resource use (energy, water, paper), carbon dioxide emissions, waste and biodiversity amongst others. The timeline for getting the EMAS registration at the EUI is approximately 2 years. **Timeline 2023**
- 3.** Launch of a pilot project involving REFS and FSR (Florence School of Regulation) for the installation of submeters in EUI buildings (currently only at Casale) to calculate on a real time basis the energy consumption/dioxide emissions related to the use of that specific building: purpose of the project, to be extended, if successful, in other EUI premises, is to both raise awareness within our community of users on the different behaviours that generate energy consumption and at the same time provide technicians with a reliable instrument to collect data and calculate the actual carbon footprint depending on energy consumption. The project has just been launched (Oct 2021): data will be collected and analysed for a minimum period of 6 months before assessing the effectiveness of the system. **Oct 2021-Jun 2022**
- **4.** Transform the vegetable garden social activity into an EUI official “green” initiative to enhance awareness and promote a sustainable culture within our community. **END 2021**
- 5.** Implement and maintain control measures for the reduction of energy waste:
 - **a.** Definition and maximum possible limitation of cooling/heating operating hours (in compliance with thermal comfort as indicated in the EUI heating and cooling

policy) **ONGOING**

- b.** Progressive reduction and removal the use of boilers for the production of hot water in restrooms across the campus (water heating represents almost 15% of the overall energy consumption !) **TO START BEFORE END OF 2021**
 - c.** Replacement of all lights with energy-saving LED bulbs **ONGOING**
 - d.** Reduction on external lighting system (-50% from 12 am) **ONGOING**
 - e.** Base the irrigation system and the technological plants at the Badia on rainwater/spring collected water and not on aqueduct water. **ONGOING**
 - f.** Upcoming replacement of the central heating plant of the Badia with a more energy efficient device (recent technology). **END OF 2021-BEGINNING OF 2022**
-
- 6.** Identify a contact person in every Academic and Administrative Unit for the coordination and monitoring of sustainable provisions implemented at the EUI (Ambassadors?) **Q1 2022**
 - 7.** Benchmark with other similar institutions on green policies via Academic and Institutional networks (e.g. EU Greening Network or RUS, Rete delle Università per lo Sviluppo sostenibile). **ONGOING**
 - 8.** Creation of an environmental oasis at Villa Salviati (possibly implementing a low-impact grazing and lawn-mowing system with domestic herbivores). **2022**