

Sustainability Theme	Available Examples
1 <b>Conserving energy, water and other scarce or non-renewable resources, building and energy efficiency</b>	1. ICRA has recently implemented building heater and boiler with biomass, greatly increasing the efficiency and the sustainability. 2. ICRA has implemented separate air conditioning with thermostats in the offices and laboratories that improve and contribute to energy saving for cooling and heating, and a better environment for ICRA employees. The air conditioning legislation published in Spain (Real Decreto-ley 14/2022) establishes a maximum of 19°C in winter and 27°C in summer). This is mandatory from the 9 <sup>th</sup> of august 2022. 3. ICRA will implement a separate air conditioning system in the mass spectrometry laboratory that will optimize temperature control and energy consumption throughout the year, especially when the temperature is not too low (i.e., most of the time in Catalonia). 4. ICRA's external façades are covered by panels that can help in controlling the light shading and consequently partially reduce the temperature in summer and the need for light in winter. 5. ICRA's employees have the option, if properly justified, to work from home (up to 40% FTE) which means less electricity consumption and no overheating or over cooling of the ICRA's building is done. 6. ICRA's employees are periodically reminded that building doors, windows and lab doors should be kept closed all the time to maintain the internal temperature (cool in summer or warm in winter). 7. Reception prepares daily reports on lights or appliances left on when not necessary to raise awareness on energy saving.
2 <b>Sustainable/reduced mobility</b>	1. ICRA's employees have the option, if properly justified, to work from home (up to 40% FTE) which means car/public transport use reduction which contributes reducing carbon emissions to the atmosphere. 2. ICRA will promote teleconferences instead of presential meetings whenever possible and asks for a maximum of 2 people for each meeting. Travels/+2 people must be justified. Train/carpooling is encouraged. (see decision tree of the Tyndall Travel Strategy, considering the career stage, <a href="https://tyndall.ac.uk/wp-content/uploads/2021/09/tyndall_travel_strategy_updated.pdf">https://tyndall.ac.uk/wp-content/uploads/2021/09/tyndall_travel_strategy_updated.pdf</a> ). 3. ICRA offers a safe space to park bicycles.
3 <b>Implementing the Waste Hierarchy of minimizing waste generated</b>	1. Since mid-2020 ICRA has implemented the use of digital signatures in internal procedures, greatly reducing document printing (e.g., for monthly work report since 2020, for Spanish project since 2022). 2. All sorts of plastic for coffee, bottles or cutlery were banned. Workers must use their own mug/glass. 3. Hand soaps are biodegradable. 4. ICRA is considering providing a glass/BPA free/other bottle for water.
4 <b>Recycling resources (food, water, and waste)</b>	1. ICRA's building design allows the recycling of rainfall water for experimental channels and for toilets. 2. ICRA is developing a project that seeks to collect and treat its kitchen greywater (3-Scale Modular Green Wall) 3. Special containers were bought and placed in different spots (i.e., offices and laboratories, kitchen) to increase recycling. General waste treatment is managed by <i>Revalora</i> , details can be found here: <a href="http://www.revalora.cat">www.revalora.cat</a>
5 <b>Environmental protection (toxic waste disposal, emissions control)</b>	1. Lab waste recycled is properly labelled and controlled. Waste disposal instructions are provided in the laboratories. Laboratory waste treatment is managed by <i>Prezero</i> , details can be found here: <a href="http://www.prezero.es">www.prezero.es</a> 2. All laboratory extractors have filters that guarantee the safety of the users and reduce the emissions. The extractors are checked once a year to ensure that they are in good working order. 3. ICRA has a cytotoxic cabin equipped with an extractor type IIB. It has a special system with 3 filtration stages: a G3 prefilter plus two HEPA filters. 4. ICRA also has a biosafety lab (BSL2) with special HEPA filters and a biosafety extractor type IIA with HEPA H14 filters.

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6	<b>Green skills learning/developing (eco-friendly diet, green lifestyle, recycling, waste reduction, etc.)</b>	1. ICRA has always promoted a healthy diet and green lifestyle and more will be studied in the future (e.g., it is assessing the feasibility of fruit day with fruit available once or twice a month). 2. ICRA will promote once a year the use of the footprint calculator (prepare and send an email for all ICRA and everyone can calculate it – e.g., in the pre-pandemic period, during the pandemic and in the present situation) and the results will be evaluated. 3. Flexible ICRA's employees timetable allows to include sports/healthy activities partially also (e.g., pools, gym, etc.) in the daily schedule.
7	<b>Green Public Procurement (GPP)*</b>	1. ICRA buys recycled paper. 2. ICRA is suggesting other procedures to promote in the future, when possible, the sustainability of the product (green hotels with EMAS/Ecolabel, etc.), in accordance with public purchasing agencies.
8	<b>ISO 14001 and/or other standards compliance</b>	ICRA is considering implementing in 2024 a quality system based on ISO9001/2015.
9	<b>Funding/supporting special projects</b>	1. Rainwater harvesting for scientific purposes (artificial channels). 2. Green wall (kitchen greywater treatment and reuse) with the 3-scale Modular Green Wall). 3. ICRA has always promoted events such as parking lot cleaning and adhesion to other sustainability campaigns as well as ICRA open day, researchers' night, etc. 4. ICRA has a Sustainability Committee since 2020 and a Green Charter working group since 2022.
10	<b>Air quality</b>	1. Smoking inside ICRA is prohibited. 2. All laboratory extractors have filters that reduce the emissions. 3. Cytotoxic extractor have special filters that increase the safety, yearly verified. 4. ICRA also has a biosafety lab (BSL2) with special HEPA filters and a biosafety extractor type IIA with HEPA H14 filters.

\* A process whereby public authorities seek to procure goods, services and works with a reduced environmental impact throughout their life cycle when compared to goods, services and works with the same primary function that would otherwise be procured. Examples: **energy efficient computers, office furniture from sustainable timber, recycled products, and materials (paper), cleaning services using ecologically sound products, electric, hybrid or low-emission vehicles, electricity from renewable energy sources, ecofriendly hotels.**