

# ICOMOS

INTERNATIONAL COUNCIL ON MONUMENTS AND SITES  
CONSEIL INTERNATIONAL DES MONUMENTS ET DES SITES  
CONSEJO INTERNACIONAL DE MONUMENTOS Y SITIOS  
МЕЖДУНАРОДНЫЙ СОВЕТ ПО ВОПРОСАМ ПАМЯТНИКОВ И ДОСТОПРИМЕЧАТЕЛЬНЫХ МЕСТ

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*Call for Proposals for Individual Subcontracted Consultant(s) for the EU funded  
HORIZON2020 project FUTURHIST: An integrated typology-based approach to  
guide the future development of European historic buildings towards a clean  
energy transition*

*Ref.GA Project 101138562 – FuturHist – HORIZON -CL5-2023-D4-01*

*ICOMOS PIC no. 984134356*

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Charenton-le-Pont, 17 January 2024

## **BACKGROUND**

### **About ICOMOS**

**ICOMOS** works for the conservation and protection of cultural heritage places, promoting the application of theory, methodology, and scientific techniques to the conservation of the architectural and archaeological heritage. ICOMOS has dedicated its Triennial Scientific Plan (2021-2024) to cultural heritage and climate action and will be an active partner in FUTURHIST. The ICOMOS International Scientific Committee Energy and Sustainability (ISCES), as one of the technical bodies of ICOMOS, researches and promotes the understanding, protection, conservation, and management of built cultural heritage through consideration of the requirements of energy, sustainability, and climate change.

### **About FUTURHIST**

The process of future proofing the historic European building stock faces the paradox of needing standardised approaches but having a heterogeneous stock with very specific needs. Historic and traditionally built buildings represent a quarter of the total building stock. Their renovation is a pressing issue in the clean transition since it has significant potential to reduce greenhouse gas emissions and improve users' comfort and wellbeing. On the other hand, historic buildings (HB) differ from modern construction in that their development over time in different cultural and socioeconomical contexts resulted in a much more diverse use of construction techniques and materials as well as important differences in their heritage values and attributes. That means that the renovation of each building must be considered carefully, and solutions must be designed individually, with corresponding higher costs and longer planning processes.

Approaches aiming at dealing with the entire built heritage as a homogeneous sample will thus face major challenges in its implementation. Instead, this project will “Think global, act local”. FUTURHIST will rely on identification and characterisation of local uniform building typologies, as a lowest common denominator, to develop tailored intervention approaches that can be standardised and replicated with minor modifications. Furthermore, of any given building typology, only a few are usually protected by law. In providing solutions (efficient, cost-effective and durable) for the whole typology we are also preserving the “unprotected” built heritage, thereby ensuring the sustainability of our built environment and resilience of communities across Europe.

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## **SCOPE OF WORK OF ICOMOS WITHIN FUTURHIST**

- 1) Design, distribute & analyse the survey on identification of barriers, analysis of legislation, and analysis of guidelines & tools
- 2) Identify, contact & interview frontrunner heritage authorities with policy tools to be shared in the consortium
- 3) Exploitation of the FUTURHIST Knowledge-Hub especially via the ICOMOS ISCES website; the ISCES website is to be revised in close consultation with the ISCES Board and enhanced with the knowledge gained from the project.
- 4) Communication and dissemination of project results by organising workshops, preparing training materials, and implementation of a European Summer Academy on the Refurbishment of Historic Buildings
- 5) Act as a point of reference for heritage preservation within the case study development.

## **EXPECTED DELIVERABLES**

- Barrier analysis: Report on the surveys of barriers in task 1.1
- Report on best practices of policy making
- Educational kit for Summer School

## **ASSIGNMENT DURATION, TIMETABLE AND EXPECTED DELIVERABLES**

It is expected that the assignment will commence mid-January 2024 and be completed at least by late January 2028.

Working under the guidance of the President of ISCES, and the supervision of the ICOMOS International Secretariat, the Consultant will produce the following deliverables:

### **Work Package 1: Drawing the baseline**

#### **Coordination and lead of Task 1.1: Identification of barriers (Month 1 – Month 12)**

- Coordination of design and analysis of three surveys according to different stakeholder groups.
- Collection of further information by in-depth surveys (e.g. interviews) with practitioners focussing on the use of tools and methodologies supporting the planning process.
- Making the results of the surveys available for the definition of KPIs to overcome some of these barriers

#### **Contributing to Task 1.3 Policy framework (Month 3-Month 9) and Task 1.4 Analysis of existing guidelines and tools (Month 3-Month 12) and Task 1.6 KPIs, benchmarks and targets (Month 13-Month 18)**

- Analysis of the legislation (local, regional, national, European)
- Review of existing guidelines and tools related to energy retrofit in historic buildings
- Selecting, elaborating, and simplifying existing guidelines and tools in order to make them user-friendly for practitioners.
- Contributing to a step by step workshop to find the most appropriate tools and guidelines.
- Definition of Key Performance Indicators and transparency of assessment methods.

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## **Work package 4: Development of an integrated planning toolkit**

### **Contribution to Task 4.4 Synthesizing tools into a digital step-by-step toolkit (Month 25-Month 42)**

- Providing input and feedback for the elaboration of a (web-based) platform where the multidimensional decision-making methodology, and knowledge HUB will be integrated

## **Work package 6: Scale-up**

### **Coordination and lead of Task 6.2 Policy-making: Heritage authorities knowledge exchange (Month 30-Month 48).**

- Implementing a peer learning programme for Heritage authorities, NGOs and other practitioners in the heritage sector implemented among ICOMOS network fostering sustainable renovations (learning from front-runner authorities) and facilitating transfer (learning from local barriers/needs).
- Capitalizing the results of the survey for the step-by-step toolkit (deliverable of WP4) and preparing the educational kit of the Summer school (WP7).

The consultant will follow the project development by participating in project meetings and site visits. He/she will inform ISCES president and the ICOMOS Secretariat about project implementation and main outputs in regular calls and emails.

## **REQUIRED QUALIFICATIONS**

### Mandatory

- At least a Master's degree or equivalent in experience (architecture, engineering or comparable)
- At least 5 years of working experience in the field of energy retrofit of historic buildings in applied science and/or renovation practice
- Excellent communication skills in English
- Experience in working in a team and with communities and multiple stakeholders
- Commitment to the objectives and work content of ICOMOS
- Experience with multiple deadlines, planning skills and ability to prioritise on multiple tasks, services, collaborations with partners
- Able to work independently, takes ownership of the assigned tasks and brings them forward with a solution-oriented mindset

### Desirable

- Experience in international projects and European-funded programmes and working with European associations
- Experience in writing and synthesising (technical reports, research papers, minutes, summary sheets)
- Engagement in one of the ICOMOS Working Groups or International Scientific Committees relevant for the topic (e.g. Climate Action Working Group, ISCES, Energy Performance of Buildings Directive National Focal Point)

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## **HOW TO APPLY**

All interested Consultants are required to submit an application, including a CV, and a technical proposal via email to: **secretariat[at]icomos.org**  
(copying **gaia.jungeblodt[at]icomos.org** and **kristina.biceva[at]icomos.org**) no later than **31 January 2024**.

The technical proposal should be no more than 2 pages, and will be assessed on the following:

- Expertise, qualifications and experience of the Consultant(s);
- Approach to assignment that demonstrates extent to which the Consultant(s) understands the scope and mandate of the work;
- Realistic work plan with specific identification of and plans for key deliverables and priorities

The foreseen remuneration for the consultant is set to a lumpsum of 75.000 EUR.