

CALL FOR TENDER

REDESIGN AND MAINTENANCE OF IEA BIOENERGY WEBSITE

The IEA Bioenergy Technology Collaboration Programme (IEA Bioenergy TCP) is seeking tenders from qualified organisations for the redesign and maintenance of its website.

The Executive Committee (ExCo) of the IEA Bioenergy Technology Collaboration Programme – IEA Bioenergy TCP is pleased to launch an open Call for Tender for the redesign and maintenance of its website – ieabioenergy.com. This initiative aims to create a modern, intuitive, and visually compelling platform that reflects the latest web standards while enhancing user experience and accessibility.

We invite proposals from qualified contractors to not only reimagine the design and functionality of the site, but also to seamlessly migrate all existing content to the new platform. In addition, proposals will need to include website maintenance activities.

Tenderers should have proven experience with large content repositories, multisite consolidation, SEO-preserving migrations, accessibility compliance, and long-term maintenance of content-rich websites.

The call will remain open until 4 September 2026. It is expected that the contract will be awarded between October and November 2026. The work should commence in December 2026 or January 2027 at the latest, and it should be completed by July 2027 (including migration of the content). For the website redesign (including migration of the content), the maximum budget is US\$50,000.

OVERVIEW OF IEA BIOENERGY

IEA Bioenergy is a Technology Collaboration Programme (TCP) set up in 1978 by the International Energy Agency (IEA) with the aim of improving cooperation and information exchange between countries that have national programmes in bioenergy research, development and deployment. Technology Collaboration Programmes are independent bodies operating in a framework provided by the IEA. There are around 40 currently active Technology Collaboration Programmes, one of which is IEA Bioenergy.

IEA Bioenergy's **vision** is that modern bioenergy is, and will continue to be, a leading type of renewable energy, making an important contribution in reaching an energy secure and net-zero energy mix. Bioenergy is an integral part of developments towards a circular biobased economy. By accelerating the sustainable production and efficient use of biomass, economic and environmental impacts will be optimized resulting in more cost-competitive bioenergy and biobased applications and reduced greenhouse gas emissions.

The **mission** of IEA Bioenergy is to increase knowledge and understanding of bioenergy systems in order to facilitate the commercialization and market deployment of environmentally sound, socially acceptable, and cost-competitive, low-carbon bioenergy systems and technologies, and to advise policy and industrial decision makers accordingly. IEA Bioenergy realizes the mission by providing platforms for international collaboration and information exchange in bioenergy research, technology

development, demonstration, and policy analysis—including through network development, information dissemination, and the provision of science-based analysis and advice.

The **Strategic Objectives** of the IEA Bioenergy TCP for the 2025-2030 Term are to realize our Vision by:

1. Providing science-based information to support technology innovation, policy development and deployment
2. Improving understanding of key features of sustainability in bioenergy systems, including biomass resources, biodiversity linkages, climate effects, and socio-economic impacts, such as contribution to local energy security
3. Exploring synergies of sustainable bioenergy systems with other clean energy technologies and bio-based sectors
4. Demonstrating how sustainable bioenergy, within the broader circular economy, can contribute to international climate targets and other Sustainable Development Goals.

As of June 2026, 25 parties participated in IEA Bioenergy: Australia, Austria, Belgium, Brazil, Canada, China, Denmark, Finland, France, Germany, India, Ireland, Italy, Japan, the Republic of Korea, the Netherlands, New Zealand, Norway, South Africa, Spain, Sweden, Switzerland, the United Kingdom, the USA, and the European Commission.

The work within IEA Bioenergy is currently structured around 11 Tasks, which operate according to detailed three-year programmes of work and budgets. The collaboration which earlier was focused on Research, Development and Demonstration is now increasingly also emphasising Deployment on a large scale and worldwide.

There are 11 ongoing Tasks during the 2025-2027 Triennium:

- Task 32: Combustion & Emissions
- Task 33: Gasification
- Task 34: Liquefaction
- Task 36: Waste & Circular Economy
- Task 37: Anaerobic Digestion / Biogas
- Task 39: Transport Biofuels
- Task 40: Biobased Deployment & Carbon Management
- Task 42: Biorefining
- Task 43: Biomass Supply
- Task 44: Energy System / Flexibility
- Task 45: Climate & Sustainability.

Members of IEA Bioenergy are invited to participate in all of the Tasks, but each Member is free to limit its participation to those Tasks which have a programme of special interest.

In addition, Strategic Projects are developed within IEA Bioenergy to address relevant, cross-cutting issues. These projects are implemented with the engagement of various Tasks and in collaboration with other TCPs as well.

IEA BIOENERGY'S COMMUNICATION AND WEBSITE

COMMUNICATION VISION

IEA Bioenergy is an authoritative voice on sustainable bioenergy, providing scientific facts and analysis backed by experts and scientists from all over the globe to inform evidence-based decision making

Increasingly over the past 5 to 10 years effective communications has become critical to ensuring the technical knowledge and information developed within the TCP can have an impact with industry, academia, policy, and within the broader public debate. The importance of effective communications of often highly technical results produced within the Tasks of the TCP is being recognized; therefore, increased time and resources have been allocated to a range of communications tasks, initiatives, and strategic reviews. This includes the engagement of specialist communications skills to drive communications activities, and most recently a strategic review by a communications consultant considering the scope and scale of communications for the TCP beyond traditional bioenergy audiences.

Website and social media are the main instruments through which IEA Bioenergy communicates its work. The current website was redesigned in 2019. It uses WordPress and it is structured as a multisite, with a central website plus dedicated websites for each Task and selected Strategic Projects, for a total of around 20 sites. The website includes a members' area, where IEA Bioenergy members may view and download internal documentation that is not in the public domain.

SCOPE OF WORK

The Scope of work can be split in three areas. The first area concerns the redesign of the website, second is the migration of content, the third is related to the annual maintenance of the new site.

Redesign of the website

The goal is to create a modern, intuitive, and visually compelling platform that reflects the latest web standards while enhancing user experience and accessibility.

The plan is to transition from the current multisite (with a central website plus dedicated websites for Tasks and selected Strategic Projects), to a single, integrated website.

The information/content (mostly publications, events and videos) should be organized and presented under three main themes (exact names still subject to modifications), namely:

- Scaling Sustainable Biomass Supply;
- Advancing Bioenergy Conversion Technologies;
- Markets, System Integration, and Governance of Bioenergy.

For all materials on the website (e.g., publications, events, videos, etc.), there should be a search function, along with the ability to tag.

Each Task (currently, there are eleven of them) and Strategic Project (currently, there are seven of them) should have a dedicated page with related subpages, with administrators' privileges for selected

persons nominated by the various Tasks and Strategic Projects to make updates to the respective Task/project pages. Updates should not require advanced coding skills and should be easy for a non-specialist to carry out.

In line with the current website, there should be a members' area, where IEA Bioenergy members (upon entering their credentials) may view and download internal documentation that is not in the public domain. Finally, there should be the possibility of tracking the number of accesses to the members' area.

Another feature to be included in the new website would be a repository to store old documents. As above, this would need to be an easy to navigate area with a comprehensive search function.

The tenderer should detail their proposed CMS architecture, use of custom developments versus standard components, maintainability of the solution, content portability, ownership of source code and configuration, and measures to avoid vendor lock-in. Furthermore, they should describe the minimum technical requirements for the website, such as accessibility compliance (e.g. WCAG 2.2 AA), performance targets, security standards, backup and disaster recovery objectives, and compliance with applicable data protection regulations.

Migration of content to new website

As detailed above, we require several sites and their content to be migrated into a new single site.

The tenderers should provide a detailed migration strategy in which they should describe their approach for migrating all existing content, media assets and documents, together with validation procedures, reconciliation checks, and reporting mechanisms to demonstrate that all content has been successfully migrated and remains accessible.

In the transition from the current website to the new one, it is important to implement all possible measures to ensure that the visibility/indexing of the existing content (especially publications) is not reduced. Therefore tenderers include specifications to ensure SEO preservation, including URL mapping, implementation of 301 redirects for pages and downloadable files, preservation of metadata, sitemap management, and post-launch monitoring to minimise any loss of search engine visibility and indexing.

Annual maintenance of the website

The selected tenderer will need to provide ongoing technical maintenance and support services to ensure the long-term reliability, security, and performance of the website ecosystem. The solution should prioritize long-term sustainability, scalability, and minimization of technical debt, ensuring that the platform remains secure, maintainable, and adaptable over time.

The proposed maintenance approach should include:

- regular CMS, plugin, framework, and server updates
- security monitoring and implementation of security patches
- performance monitoring and optimisation
- backup management and disaster recovery procedures
- technical troubleshooting and bug fixing

- uptime monitoring and incident response procedures
- compatibility maintenance for modern browsers and mobile devices
- support for accessibility compliance over time
- management of staging, testing, and production environments
- technical documentation and version control practices.

Tenderers should clearly specify:

- the proposed maintenance model and service levels (SLA)
- expected response and resolution times
- roles and responsibilities between the contractor and IEA Bioenergy
- recommended maintenance frequency and update cycles
- hosting-related maintenance responsibilities
- any optional support packages or long-term service agreements.

MANAGEMENT AND REPORTING

The project will be managed on behalf of the IEA Bioenergy TCP by the Communications Team led by the Communications Team Head. The work should be carried out in close consultation with the Communications Team. If/when necessary, feedback could be sought from ETA Florence, the Communications Specialist that manages IEA Bioenergy's communication, including website content.

OWNERSHIP

All outputs associated with this project will be the property of the IEA Bioenergy TCP and the IEA Bioenergy TCP will retain all rights.

TENDER PROCESS

The Tenders should be submitted by 17:00 CEST on **4 September 2026** and should include a written presentation of the following elements:

- A brief overview of the tenderer
- A description of experience relevant to the scope of work, including:
 - name(s), qualifications(s), key experience and CV(s) of the person(s) who will carry out the work
 - three examples of websites redesigned by the tenderer
 - three examples of websites maintained by the tenderer
- A description of the concept for the new website, including key features
- A detailed plan for website content migration, including the related technical specifications
- A description of the proposed approach to website maintenance, including the related technical specifications
- A fixed tender price in US\$ (including all overheads and taxes), both for:
 - the redesign of the website (maximum budget US\$50,000)
 - the annual maintenance of the website
- Three references who may be contacted.

Tenders should be emailed to the Secretary of IEA Bioenergy – **Andrea Rossi** arossi@biosmartstrategies.com.

EVALUATION PROCESS

Tenders will be evaluated by the Communications Team of IEA Bioenergy based on the following criteria (with corresponding weighted scores):

- Demonstrated experience of the tenderer and of the proposed team to effectively redesign, migrate and maintain a website (40%)
- Extent to which the proposal demonstrates how the tenderer will execute the scope of work in an effective way (for both website redesign and maintenance activities), addressing the needs described in the tender and providing the necessary technical specifications (40%)
- Cost benefit and value for money (20%).

SELECTION, CONTRACTING AND EXECUTION

Following their evaluation, the Communications Team will make the final selection for approval by ExCo. It is expected that the contract will be awarded between October and November 2026.

The redesign of the website should commence in December 2026 or January 2027 at the latest, and it should be completed by July 2027 (including migration of the content).

The contract will include the annual maintenance of the website, for an initial period of 12 months (starting from the date the new website will become operational) and renewable for up to two more years (for a total duration of three years), pending a satisfactory performance evaluation by the Communications Team at the end of year one.