# Project Submission Form

***v. May 2024***

Any individual or group can submit a project, with or without current affiliation with an IUPAC body. Projects can be submitted at any time. For detailed information, see the additional *Guidelines for Completion of the Project Submission Form* at the end of this document. Frequently Asked Questions on Project Submission and Approval Process are also available online at <<https://iupac.org/what-we-do/projects/>>.

This form should be completed with a word processor and submitted as a doc(x) by e-mail to <proposal@iupac.org>. Please do not remove section headers and answer all questions; indicate *NA* when a question does not apply to the proposal.

*for administrative use only - Submitted \_\_\_\_\_\_\_\_\_\_\_\_\_\_ ; # \_\_\_\_\_\_\_\_\_\_\_\_\_*

**Date**

**Project Title**

Series Title *(if applicable)*

**Task Group Chair** (include address, e-mail, and ORCID)

**Task Group** **Members** (include address and e-mail, and ORCID)

**Name** of the person submitting this form ***if not*** *the Task Group Chair* (include address and e-mail)

**Objectives and Rationale** (This should summarize the principal objectives and rationale, and the intended outcomes; see *Guidelines)*

(<100 words)

**UN Sustainable Development Goals** (This should summarize the principal SDGs and specific target; see *Guidelines* and <https://sdgs.un.org/goals>*)*

**Association of UN SDGs to the proposed project (check the top 3)**

See *Guidelines* and <https://sdgs.un.org/goals> for details

* SDG 1 End Poverty
* SDG 2 Zero Hunger
* SDG 3 Good Health & Well-Being
* SDG 4 Quality Education
* SDG 5 Gender Equality
* SDG 6 Clean Water and Sanitation
* SDG 7 Affordable &Clean Energy
* SDG 8 Decent Work and Economic Growth
* SDG 9 Industry, Innovation & Infrastructure
* SDG 10 Reduced Inequalities
* SDG 11 Sustainable Cities and Communities
* SDG 12 Responsible Consumption & Production
* SDG 13 Climate Action
* SDG 14 Life Below Water
* SDG 15 Life on Land
* SDG 16 Peace, Justice, & Strong Institutions
* SDG 17 Partnerships for the Goals

**For each of the above selected goals, rank the selected Goal and specified UN SDG Target(s)**

\_\_\_\_\_\_\_ Primary Goal/target

\_\_\_\_\_\_\_ Secondary Goal/target

\_\_\_\_\_\_\_ Tertiary Goal/target

Additional Comments:

…

**Description** *(see Guidelines)*

(approx. 250 words, including relevance to IUPAC)

…

**Intended Outputs**

(please tick the applicable boxes)

IUPAC Recommendation 

IUPAC Technical Report 

Other type of manuscript 

 to be published in a journal other than *Pure and Applied Chemistry*

*Specify type of manuscript and journal:* …………………

Book 

*[include any preliminary communication, draft agreements, and intended publisher, if known]*

Workshop or conference proceedings 

Set of instructional materials 

Data/Code/other digital output 

*[see guidelines for more details – please note that a detailed Data Management Plan will be required before final approval is granted for a project]*

Database (*i.e*., collection of data with specific access and features) 

Web page 

*[Any website/webpage intended to be on the IUPAC.ORG platform is required to be in WordPress and meet IUPAC’s guidelines for branding, hosting, and compatibility.]*

Other: …………………

**Intended Stakeholders**

(Give details of the intended stakeholders and interest groups, and how they will benefit from your Project Objectives. See *Guidelines*)

…

**Dissemination Plan**

(Indicate how the results of this Project will be communicated to target stakeholders and, if relevant (*e.g*. for IUPAC Recommendations or testing digital outputs), how the Task Group will involve stakeholders in the refinement of Project outcomes. If applicable and readily available, include a *Data Management Plan.* See *Guidelines*)

…

**Time Frame**

Planned start date: …

Duration of project: …

**Milestones**

(Indicate the location, duration, and approximate date(s) of Task Group meetings, workshops, conference presentations, etc. and the target dates for circulation of drafts and submission of final report. See *Guidelines*)

…

**Budget**Total from all sources, *i.e*. including also sources outside IUPAC. (See *Guidelines*)

|  |  |
| --- | --- |
| (insert additional lines as necessary) | budget in USD |
| Travel and lodging(Provide a break-down of travel and *per diem* expenses for each meeting of the Task Group) |  |
|  |  |
|  |  |
|  |  |
| Administrative (Specify) |  |
|  |  |
| Other (Specify) |  |
|  |  |
| **Total** (in USD) |  |
| Requested from IUPAC |  |
| Requested from other Sources (Indicate sources and amounts) |  |

**Criteria for Retrospective Evaluation of Outcomes and their Impact**

*(see Guidelines)*

**Relevant IUPAC Bodies**

(please tick the applicable boxes)

Physical and Biophysical 
Inorganic 
Organic and Biomolecular 
Polymer 
Analytical 
Environmental 
Human Health 
Nomenclature 

Green Chemistry for Sustainable Development 

Cheminformatics/Data Standards 

Chemistry Education 

Chemistry and Industry 

CHEMRAWN 

Other …………………

**Suggested Referees** external to IUPAC

(at least three names, including e-mail and postal addresses and their expertise related to this project)

# Guidelines for Completion of Project Submission Form

# Introduction

IUPAC has long been recognized as the world authority on chemical nomenclature, terminology, standardized methods for measurement, atomic weights and many other critically evaluated data. Projects sponsored by IUPAC should address one of these aspects of chemistry or one or more of the goals listed in the IUPAC Strategic Plan. The Strategic Plan can be downloaded from the IUPAC web site <[www.iupac.org](http://www.iupac.org)> or a copy can be requested from the Secretariat. After completion, the Project Submission Form should be returned to the IUPAC Secretariat, *not to any other person or body in IUPAC.* The Secretariat will initiate the review process, and communicate with the relevant IUPAC Body(ies).

While there is no set schedule for the evaluation process, it is *usually* not expected to take more than four months. Decisions will be taken during the course of the year as projects are submitted and the necessary information has been gathered. Frequently Asked Questions on ***Project Submission and Approval Process*** are also available at <www.iupac.org/projects>.

# Guidelines

## Project Title

Short descriptive title of project. If applicable, specify ***Series Title****.*

## Task Group Chair

Name and affiliation of person(s) who will be coordinator for the project, including ORCIDs and RORs.

## Task Group Members

Names and affiliation of the Task Group members who have agreed to work on the project.

## Objectives and Rationale

In a few sentences (< 100 words total) describe the rationale for the project, the objective(s), and the intended outcome(s). This statement should identify the benefits to the applicable chemistry community and the strategic value to IUPAC.

## UN Sustainable Development Goals

IUPAC’s global leadership in the chemical sciences is paramount to achieving the UN Sustainable Development goals (UN SDGs). This section provides an opportunity to identify from one to three of the 2030 goals as aims of the project that will be visibly displayed on the project website and included in a searchable database. Most projects contain an overarching education (SDG 4) or global partnership (SDG 17) component and then a chemistry/sociochemical related theme. Per the instructions, check the boxes of up to 3 goals that most closely align with the project objectives. Next, rank the goals and (optionally) identify specific targets to further characterize the intended outcomes. Use the [SDG hyperlinks](https://sdgs.un.org/goals) to identify specific Goals and Targets.

*Sample Goals and Targets:*

* **SDG Goal 4:** [Quality Education] Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all
	+ **Specific target: 4.7** By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and non-violence, global citizenship, and appreciation of cultural diversity and of culture’s contribution to sustainable development
* **SDG Goal 12:** [Responsible Consumption and Production] Ensure responsible consumption and production patterns
	+ **Specific target: 12.4** By 2020, achieve the environmentally sound management of chemicals and all wastes throughout their life cycle, in accordance with agreed international frameworks, and significantly reduce their release to air, water, and soil in order to minimize their adverse impacts on human health and the environment
* **SDG Goal 3:** [Good Health & Well-Being] Ensure healthy lives and promote well-being for all at all ages
	+ **Specific target: 3.9** By 2023, substantially reduce the number of deaths and illnesses from hazardous chemicals and air, water and soil pollution and contamination

See here for a [simple PDF booklet](https://sdghelpdesk.unescap.org/e-library/sdg-goal-and-target-booklets-multiple-languages) listing all goals and target.

## Description

The description should be relatively brief (approx. 250 words) and should enable the reader to understand the methods (compilation, review, critical evaluation, consultation) used in the project. The description must make clear why the project should be carried out under the auspices of IUPAC.

The description should include a clear statement of (a) any previous or concurrent work done on the proposed project, including conferences or workshops; (b) any previous, concurrent or planned interactions with bodies outside IUPAC that are relevant to the project.

If it is considered necessary to provide additional background information and supporting documentation to permit proper evaluation of the proposal, this should be given on a separate sheet. For help in deciding what information to include, please consult the "*Advice for Project Reviewers*" at <www.iupac.org/projects>.

## Intended Outcomes

Is the final product of the project a recommendation or technical report to be published in *Pure and Applied Chemistry,* in another journal or a book, as a workshop or conference proceedings; is it a set of instructional materials, a digital output, a web page, other? Please specify.

If a book (or editing of a book or chapter) is planned, please be clear about the status of the proposal with the intended publisher. Note that any publication contract or agreement must be made available to the Executive Director during the project review process. If a publisher has been approached, and a draft agreement developed, this must be included in the review packet. Technical Reports and Recommendations resulting from IUPAC Projects are to be published in *Pure and Applied Chemistry*. The procedure is described in *“Procedures for publications of IUPAC technical reports and recommendations*”, available online as at <https://iupac.org/what-we-do/recommendations/procedure-for-publication/>.

For books, once the contract has been signed by the Executive Director and Secretary General, and before the final editing of an IUPAC-sponsored book, the manuscript must be reviewed by the ICTNS to ensure conformity with IUPAC standards of terminology and nomenclature.

The Bureau has established a procedure to allow publication in other journals in exceptional circumstances where it can be demonstrated by the Task Group and the Division or Standing Committee that publication in another journal is in the best interests of IUPAC. Approval for such an exception is to be requested from the Secretary General by the Division President or Standing Committee Chair. This request must explain why publication in another journal would be preferable to publication in *Pure and Applied Chemistry*.

IUPAC activities might also involve the generation, compilation, and/or analysis of scientific data and programming code. CPCDS, the IUPAC Committee on Publications and Cheminformatics Data Standards, has outlined suggested procedures for managing data-related activities. Activities related to broader dissemination of data need to be planned and implemented in conjunction with CPCDS. Project teams need to consider how data are managed throughout the project as well as the downstream needs for broader use of the data, including computer applications. The Project Task Group will be responsible for ensuring that all activities and outputs are fully documented and deposited with IUPAC, under the direction of CPCDS. CPCDS can provide project-level consultation, guidance, templates, checklists, and other support as appropriate. More details, including specific information on the expected Data Management Plan, is outlined in the Information for Task Group Chairs available online as at <https://iupac.org/projects/information-for-task-group-chairs/>.

## Intended Stakeholders

It is important that your proposal clearly identifies the interest groups and stakeholders that will benefit from the project outcomes. In so doing, it should also establish the need for the proposed project outcomes and identify the benefits to the stakeholders. The reviewers will look for strong links between the Dissemination Plan (next section) and the stakeholders who will benefit from the outcomes.

## Dissemination Plan

A good dissemination plan is a vital part of the project. The plan identifies how the project outcomes will be disseminated to the intended science community/stakeholders. For example, will the selected publication vehicles, proposed workshops or conference presentations, enable a significant impact on the target group(s)? In the case of nomenclature recommendations (including terminology, symbols, and units), how will these be made known to practitioners or to the intended audience? What plans have been made to promote international consensus?

For projects generating data and/or code, a Data Management Plan must be developed, in consultation with CPCDS, before final approval will be granted. The plan must address information on the outputs, formats, access, provenance, and support. More details are available in the Information for Task Group Chairs available online as at <https://iupac.org/projects/information-for-task-group-chairs/>.

## Time Frame

Indicate the planned start and completion dates of the project. The anticipated duration of many IUPAC projects is two to three years. Longer-term projects should be broken into phases. Each phase should have clearly-defined and measurable outcomes. Projects need not to conform to the IUPAC biennial budget cycle, *i.e*. a project can begin at any time in one biennium and end in another.

## Milestones

Interim milestones, such as presentation of interim or final outcomes at a Conference or Workshop, completion of first drafts of a report, and indicative dates of task group meetings should be given. The intended location and duration of Task Group meetings should also be stated as this will have a bearing on the assessment of your proposed budget.

Major milestones such as target dates for completion of the final draft by the Task Group, assessment of external reviews of the draft, and submission of the final document should also be indicated.

Upon acceptance of the project, the milestones will be reviewed and a specific timeline for progress reports will be agreed on with the responsible Division or Standing Committee. The Task Group Chair should plan to report progress at least once a year.

## Budget

The budget should justify all planned expenditure (from all sources) over the lifetime of the project. Costs for dissemination of the results should be included. These costs might include holding a workshop (*See note at the end for definition of a workshop*) or special symposium at a conference to publicize the results of the project.

Travel expenses include total costs for attending meetings of the Task Group, according to the rules governing IUPAC expenses (Apex airfare, per diem according to location). Because funds are limited, every effort should be made to utilize electronic communications in lieu of meetings of the task group. In view of the modern means of electronic communication, overhead expenses are expected to be minimal. However, in some cases, costs for meeting facilities, software development, and technical assistance might be accepted. To rationalize costs, Task Groups will often meet in conjunction with a conference which most Task Group Members might be attending. Note that Project funds must not be used to pay conference registrations, nor to facilitate attendance at a conference. (An exception could be the attendance at a conference by one member to make a project-based presentation on behalf of the Task Group.)

When the Task Group is seeking or has already received funding by other organizations and is approaching IUPAC for additional funding, these other organizations should be identified.

Please note that IUPAC projects cannot be original research projects and the cost of new research work cannot be a part of the project costs. In specific and well-documented cases, support for a workshop might be acceptable.

## Criteria for Retrospective Evaluation

How should the success of the project be measured and when? This will be evaluated with respect to the measurable impact of the outcomes on the identified stakeholders/interest groups. Another criterion might be: have the Recommendations been adopted by journals as part of their instructions for authors? For digital standards, have the specifications been adopted by databases or software tools?

How long after completion should it be possible to evaluate the impact of the project, and by what method(s)?

## Relevant IUPAC Bodies

Suggested Division(s) and/or Standing Committee(s) that should review this proposal and the final document (outputs), and will monitor progress of this project.

## Suggested Referees

Please suggest the names (and provide address, affiliation and e-mail) of at least three external referees who can be asked by the IUPAC Secretariat to evaluate the project. These referees are in addition to those provided by the lead Division/Standing Committee or the supporting Divisions/Standing Committees. Referees are to be experts in the field, and in general to be chosen so as to avoid the appearance of conflict of interest.

ADDITIONAL INFORMATION FOR TASK GROUP CHAIRS

Upon project approval, the Task Group Chair is responsible for the implementation of the project and, subject to approval by the Division Committee, for changes in the membership of the Task Group. He/she decides how the budget will be spent. Progress toward the stated goals is to be reported periodically to the monitoring body. The project will be evaluated retrospectively according to established criteria.

Details including [Accountability](https://iupac.org/projects/information-for-task-group-chairs/#accountability), [Budget](https://iupac.org/projects/information-for-task-group-chairs/#budget), [Outcomes](https://iupac.org/projects/information-for-task-group-chairs/#outcomes-publications), [Dissemination](https://iupac.org/projects/information-for-task-group-chairs/#dissemination), [Retrospective Evaluation](https://iupac.org/projects/information-for-task-group-chairs/#retrospective-evaluation), [Helpful Documents - Claim Forms & other refs](https://iupac.org/projects/information-for-task-group-chairs/#helpful-documents-claim-forms-other-refs), and additional matters can be found at https://iupac.org/projects/information-for-task-group-chairs/.

**Definitions of Conference and Workshop**

The following definitions are used as guides in evaluating proposals for projects.

***Conference*** - a scientific meeting in which most participants take only a passive part in the program. Active participation is limited to the relatively few participants who present lectures or posters, chair sessions or ask questions.

 Note that project funding is not intended to provide financial assistance to conferences or to the editing of proceedings of conferences. Under special circumstances, however, financial support for the dissemination of the results of a conference may be provided. As an example, the conference may have addressed matters of global importance that result in important resolutions or other results.

***Workshop*** - a scientific meeting in which all participants are expected to take an active part in the program. Examples include, but are not limited to:

- Formulation of ideas and initial plans for projects on specific topics;
- Development of recommendations or reports on specific topics;
- Critical review of recommendations or reports on specific topics;
- Professional development courses involving hands-on experience in new instrumental, computational, or evaluation techniques.

A workshop as a part of a project can cover different aspects, such as: project initiation, recruiting of Task Group members, draft report and consideration of public comments, presentation, and dissemination of results. It is, however, expected that electronic communication will be used as much as possible throughout the development of a project. Further, IUPAC will not fund a Workshop for the purpose of planning a project.