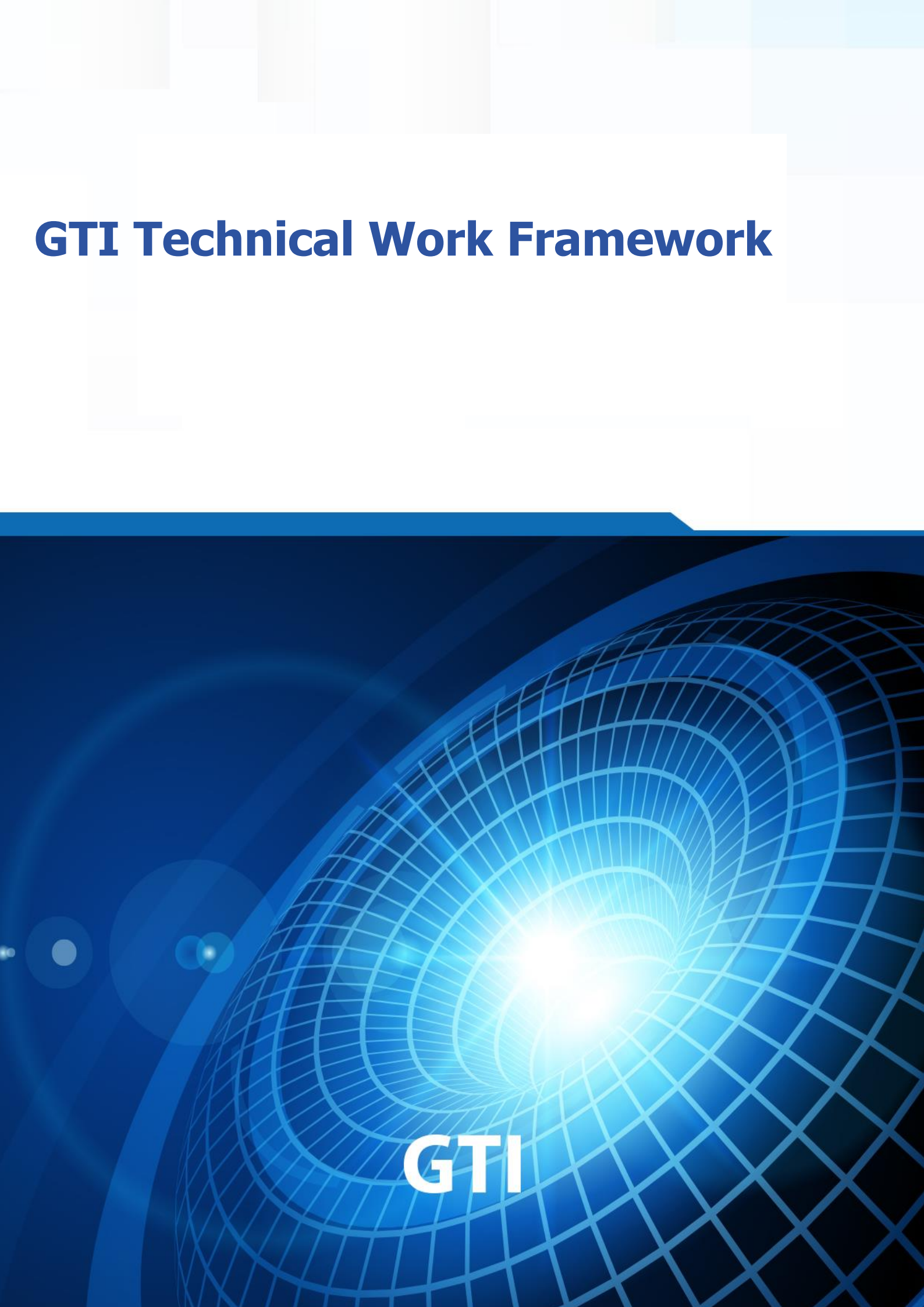


GTI Technical Work Framework

The background of the lower half of the page is a deep blue. It features a complex, glowing grid pattern that resembles a wireframe sphere or a tunnel leading to a bright light source. The grid lines are a lighter blue and have a soft glow. In the lower center, the letters "GTI" are written in a bold, white, sans-serif font. To the left of the main grid, there are several smaller, semi-transparent blue circles of varying sizes, some with internal patterns, adding to the technical and futuristic aesthetic.

GTI

GTI Technical Work Framework



Version:	V1.0
Deliverable Type	☒ Procedural Document ☐ Working Document
Confidential Level	☒ Open to GTI Operator Members ☒ Open to GTI Partners ☐ Open to Public
Program	All
Project	/
Leading members	GTI Secretariat
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Document History

Date	Version #	Revision Contents
29 July, 2026	V1.0	Procedural document for GTI technical work

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1. General Principles

This document is expected to provide guidance of GTI technical work and facilitate orderly and standardized technical collaboration among GTI members. It is based upon best practice across multiple standards defining organizations and industry forums with reference to the relevant requirements of the GTI Principle Document.

2. Scope and Objectives

The GTI technical work and its objectives are briefly introduced as follows.

(1) Scope of Technical Work

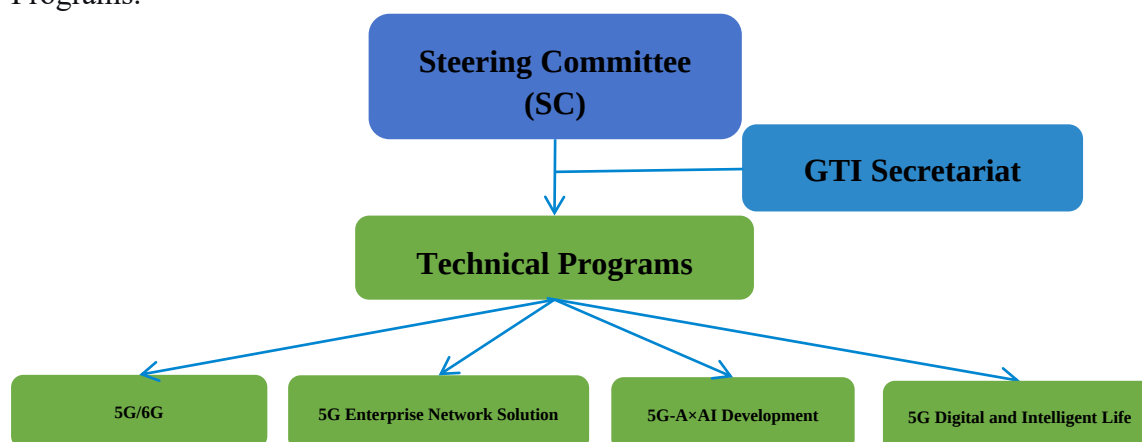
GTI technical work refers to technical collaboration conducted by GTI members leveraging the GTI platform and its various Technical Programs. Such work includes, but is not limited to, Technical Projects, Challenges, and Open Labs. Deliverables may include white papers, research reports, technical/test specifications, prototypes, devices, products, solutions, and use cases etc.

(2) Work Objectives

The objectives of GTI technical work are to address key technical challenges in the development of the information and communication industry, and acceleration of inclusive and responsible digital intelligence socioeconomic transformation, facilitate consensus-building, promote implementation and application, and jointly drive industrial development and ecosystem prosperity.

3. Organizational Structure and Responsibilities

The organizational structure of GTI technical work is illustrated below, primarily consisting of the Steering Committee (SC), the GTI Secretariat, and multiple Technical Programs.



(1) Steering Committee

The specific responsibilities of SC members include, but are not limited to:

- a. Providing overall guidance for GTI technical work, and reviewing the progress of each project;
- b. Reviewing and approving key activities such as deliverable release, liaison statements, and Open Lab establishment;
- c. Approving the appointment and replacement of Technical Program Leads/Co-leads;
- d. Reviewing the annual work of Technical Programs and discussing work plans for the following year;
- e. Deliberating and making decisions on matters related to technical collaboration and Technical Program management.

(2) GTI Secretariat

The responsibilities of the GTI Secretariat include, but are not limited to:

- a. Defining roles and responsibilities, work processes, and types of deliverables;
- b. Coordinating work among technical programs;
- c. Summarizing technical work plans, progress, and deliverables, and reporting to the SC;
- d. Assisting the SC in guiding and advancing GTI technical work;
- e. Planning and Organizing GTI workshops together with GTI programs;
- f. Reviewing GTI deliverables;
- g. Promoting the deliverables of Technical Programs through conferences, workshops, exhibitions, roadshows, partner events, etc.

(3) Technical Program

The responsibilities of each Technical Program include, but are not limited to:

- a. Defining the program's work objectives and work plan;
- b. Conducting technical collaboration on a project basis;
- c. Holding regular meetings to advance project progress and produce deliverables;
- d. Reporting work plans and progress to the SC;
- e. Coordinating with the Secretariat on work reports for GTI members;
- f. Coordinating with the Secretariat on the planning and organization of GTI workshops.

4. Management Processes, Working Mechanisms, and Requirements

To address the key technical and industrial challenges, technical work is organized and carried out within Technical Programs in their respective domains. For any specific issue or activity, it is necessary to plan the Project, to monitor its progress, to deliver outputs, and to be able to determine whether it is being completed on schedule. The

management processes, working mechanisms, and requirements for Programs and Projects are as follows.

(1) Establishment of a Technical Program

A GTI member or the Secretariat may propose the establishment of a Technical Program and prepare the required proposal materials using a standardized template. The proposal shall be reviewed by the Secretariat and submitted to the SC for approval. Upon approval, the Technical Program is formally established.

The proposal materials for establishing a Technical Program shall include the necessity, work objectives, scope of work, proposed projects, names and number of supporting companies, and nomination of the Program Lead.



GTI Technical Program Proposal

(2) Joining a Technical Program

In principle, members of a Technical Program must be GTI operator members, partner members, or MoU partners. GTI members request to join a Technical Program by submitting the attached form to GTI Secretariat (admin@gtigroup.org).

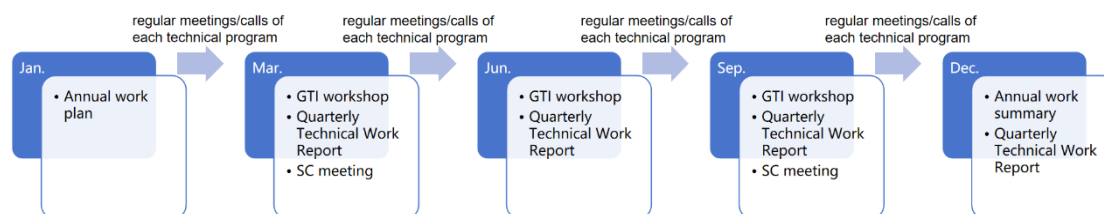


GTI Application Form for Joining

If a company/an organization is not a GTI member/MoU partner, please visit [Join as Operators - GTI Official Website - GTI, gtigroup](#) or [Join as Partners - GTI Official Website - GTI, gtigroup](#)

(3) Operation of a Technical Program

Technical Programs hold regular meetings to discuss and advance technical work and enhance communication among members. The annual meeting schedule for a Technical Program is illustrated below.



At the beginning of each year, the Program Lead and members shall formulate the work plan. At the end of the year, they shall summarize the Program's annual work.

At each SC meeting, each Technical Program shall report its deliverables, project progress, and subsequent plans/suggestions to the SC.

Under the coordination of the GTI Secretariat, each Technical Program prepares workshops in its relevant domain. Before each GTI workshop, Technical Programs may hold meetings as needed to plan the workshop agenda and proposed deliverables. The Secretariat, in consultation with the Program Lead, shall confirm the workshop time, location, theme, and proposed agenda two months in advance. The Secretariat, in

consultation with the Program Lead, shall finalize the specific agenda and speakers one month in advance.

Technical Program meetings will be held regularly. Specific work is carried out at the Project level based on contribution driven, potentially in bi-weekly calls. Members can join a program/project at any time during the year. The detailed work processes and requirements for Projects are set forth in Sections (8), (9), and (10) of this chapter. The Program Lead/Co-lead or Project Lead may also convene meetings as needed based on progress.

Under the coordination of the Secretariat, and with input from the Technical Programs, the Program Secretary assists in producing a quarterly technical work report to update all GTI members on technical work progress and deliverables.

(4) Modification/Closure of a Technical Program

In the event the modification or closure of a Technical Program is needed, the Program Lead/Co-lead shall summarize the reasons as well as the operational status of the Program, and submit to the Secretariat. The Secretariat shall report to the SC, which shall decide on the modification/closure. Finally, the Secretariat shall announce the modification/closure decision to Program members via email and archive all related documents of the Program.

(5) Internal Decision-Making of a Technical Program

For matters requiring joint review and decision by Program members, such as the publication of Program deliverables, the Program Secretary shall initiate a request for comments. If no objections are raised within five working days, consent is deemed granted. If objections are raised and consensus cannot be reached, the Program Lead/Co-lead shall submit the matter to the SC via the Secretariat for discussion and decision.

(6) Management of Technical Program Members

Program membership is managed by the GTI Secretariat via mailing lists, which create and maintain member information.

(7) Cross-Program Coordination

For work requiring cross-program coordination and communication, the GTI Secretariat shall coordinate with the Program Leads/Co-leads and relevant members, convening meetings to discuss specific matters and issues requiring decisions. If consensus cannot be reached, the Secretariat shall refer the matter to the SC for further discussion and decision.

(8) Project Proposal

A Technical Program may establish a Project as needed. A Project proposal shall be prepared using a standardized template, and must include Project name, objectives,

content and plan, planned start date, planned completion date, Project Lead and participants, and deliverables. In principle, at least four companies must support a Project for it to be established.

The Project proposal shall be shared among the Program Lead/Co-lead and Program members for review and comments. The Program Lead/Co-Lead may call for a meeting for a joint review of the comments and fine-tuning of the Project proposal. If consensus is built among Program members, the Program Secretary shall announce the approved proposal to Program members and GTI Secretariat calls for more members to participate in the Project.

(9) Project Operation

The Project Lead/Co-lead shall lead the organization of meetings as needed, involving participants to discuss and advance the Project, report progress to Program members at Program meetings, and produce corresponding deliverables.

(10) Project Modification/Closure

The Project Lead/Co-lead shall summarize the reasons for the modification/closure and submit the summary to the Program Lead/Co-lead and the Secretariat. The Program Lead/Co-lead shall decide whether to modify or disclose the Project based on the Project summary and reflections from Project members. The Program Secretary shall announce the modification/closure via email. Finally, the GTI Secretariat shall archive all related documents of the modification/closure.

(11) Approval and Publication of Deliverables

Deliverables to be published by a Technical Program shall use a standardized format. The deliverable files (e.g., white paper, report) shall be reviewed by Program members and the Program Lead/Co-lead for at least five working days. If no objections are raised, the Program Secretary shall submit them to the GTI Secretariat.

The GTI Secretariat shall submit the deliverable files (in PDF format) and a brief summary to all members for review and comment. The review period ends five working days from the date of submission. If there is feedback, it will be shared with the Technical Program for Program members review and potential consideration, as appropriate. If no feedback is provided, consent is deemed granted.

After the member review period ends, the GTI Secretariat shall submit the deliverable files (in PDF format) and brief summary to the SC for review. The review period ends five working days from the date of submission. If there is feedback, the Secretariat will consult with the lead and deliverable editors to provide a response or arrange discussions. If no feedback is provided, consent is deemed granted.

After the SC review period ends, approved deliverables shall be published on the GTI website and shared with members via email.

(12) Challenge Initiative

The Challenge Initiative is a global innovation mechanism established by GTI to match supply with demand. Under the model of “demand-side posting challenges, innovators proposing solutions,” challenges are regularly published to solicit innovative solutions from developers worldwide, thereby promoting global industrial development and joint innovation. The working mechanism and process are as follows:



GTI Challenge Initiative – Requi

① Challenge Proposal

The demand-side entity, based on industrial requirements and technological innovation trends and directions, defines core objectives, technical scope, and expected deliverables, and prepares a challenge requirement document. This document is submitted to the GTI Secretariat for review. If this is a joint initiative and another organization (e.g., GSMA) is involved, the document is also submitted to that organization for review.

② Challenge Selection and Evaluation Plan Formulation

GTI and that organization conduct a feasibility assessment and confirm the challenge. They formulate a complete evaluation plan, including evaluation rules, expert panel composition, and scoring criteria.

③ Challenge Publication and Solicitation

GTI and that organization jointly announce the challenge through official websites and begin soliciting applications from enterprises and universities worldwide.

④ Challenge Evaluation

After the application deadline, an expert evaluation panel is organized according to the established plan to conduct evaluations, collect scores, perform statistical verification, and produce the final evaluation results.

⑤ Result Announcement

GTI and that organization jointly announce the evaluation results through official channels and proceed with subsequent implementation requirements.

(13) Open Lab

Open Labs are jointly established by GTI and partners. They aim to provide industry, academia, and research communities with resources such as foundational environments, facilities, equipment, and industry application scenarios for integration innovation. They support the R&D and testing of new technologies and solutions (e.g., 5G-A, 5G-A and AI integration), as well as the R&D, testing, and demonstration of new services in key domains and scenarios such as smart life, industry digital transformation, and urban governance. The working mechanism and process are as follows:



GTI OpenLab Support Manual.

① Lab Intent Submission

Entities intending to provide/establish a GTI Joint Lab shall complete a GTI Joint Open Lab information document, including lab overview, open capabilities, services, access conditions, project research status, contact information, etc.

② Secretariat Review

The entity submits the completed information document to the GTI Secretariat, which reviews for completeness and compliance.

③ Review Outcome and Inauguration Announcement

Upon approval by the GTI Secretariat, the applicant entity is formally notified. If not approved, feedback is provided; the entity may resubmit after improvements. For approved labs, GTI organizes an inauguration ceremony as planned, announces the lab through official GTI channels, includes it in the GTI Joint Open Lab directory, and proceeds with subsequent joint research activities.

5. Roles and Responsibilities

(1) Technical Program Lead/Co-lead

The responsibilities of the Technical Program Lead/Co-lead include, but are not limited to:

- a. Overall coordination and management of all work and deliverables of the Technical Program;
- b. Organizing Program members and holding regular meetings to advance technical collaboration;
- c. Approving Project proposals and Project closures/operations;
- d. Appointing Project Leads and collaborating with them;
- e. Monitoring Project progress;
- f. Reviewing activities and deliverables conducted under the name of the Program;
- g. Reporting work plans, progress, and deliverables to the SC;
- h. Coordinating with the Secretariat on workshop preparation, and conducting cross-Program technical collaboration as needed.

(2) Project Lead/Co-lead

The responsibilities of the Project Lead/Co-lead include, but are not limited to:

- a. Leading the establishment of the Project;
- b. Organizing Project members, advancing Project progress, and producing Project deliverables;
- c. Reporting Project progress to the Program Lead/Co-lead and Program members.

(3) Technical Program Secretary

The responsibilities of the Technical Program Secretary include, but are not limited to:

- a. Assisting the Program Lead/Co-lead in carrying out Program-related work;
- b. Assisting the Secretariat in managing and updating the Program members list;
- c. Assisting the Secretariat in preparing quarterly work reports and workshops;
- d. Under the guidance of the Program Lead/Co-lead, initiating internal requests for

comments, deliverable reviews, Project modification/closure notices, etc., and assisting the Program Lead/Co-lead in managing Project progress.

(4) Senior Director

The Senior Director serves as part of the GTI Secretariat, with responsibilities encompassing, but not limited to, the following areas:

- a. Providing strategic guidance and recommendations for the growth, vitality, and success of GTI;
- b. Liaising with and expanding the network of key partners and partner organizations;
- c. Offering direction and oversight for GTI technical programs and deliverables, including input on key industry/stakeholders' requirements;
- d. Promoting the visibility and extending the outreach, collaborations, and influence of the GTI.

6. Intellectual Property and Compliance Statement

(1) Ownership of intellectual property in technical deliverables shall be determined according to the following principles:

- a. For technical deliverables independently completed by a single member, the intellectual property rights shall be solely owned by that member.
- b. For technical deliverables jointly completed by two or more members, the intellectual property rights shall be determined by the co-owners through consultation regarding ownership and exercise rules. In the absence of an agreement or provisions therein, the applicable laws governing joint work ownership shall apply.
- c. Members of a Technical Program agree that for technical deliverables developed within the framework of the Program, GTI has the right to publish technical specifications, reports, and other technical deliverable documents in its own name or jointly with the contributing members. The intellectual property contained in the aforementioned documents shall remain with the completing members.

(2) Members of a Technical Program shall strictly comply with their respective organization's intellectual property policies in effect as well as the provisions of this Statement.

(3) Members of a Technical Program warrant that any technical contributions they submit have clear ownership, are free of defects in title, and are not encumbered by any third-party rights that would hinder the normal activities of GTI or the Technical Program. If such contributions give rise to any third-party infringement claims or legal proceedings, the submitting member shall bear sole responsibility.

(4) GTI does not confirm or guarantee the authenticity, validity, or necessity of any intellectual property disclosed by any member, and does not intervene in any

intellectual property disputes or negotiations among members or between members and third parties.

(5) Members of a Technical Program shall ensure that their conduct within the GTI and Technical Program framework complies with the mandatory legal requirements of their place of incorporation, the location of the technical project, the location where the technical deliverables are created, and the location where the deliverables are implemented, as well as applicable international treaties. Nothing in this Statement shall be construed to exempt or limit any member's legal obligations under the laws of any country or region.

7. Conclusion

This document is intended to facilitate and empower the Technical Program engagement and active development by GTI members, consistent with the goals and mission of GTI Alliance.

It is our intention to provide a clear and practical GTI technical work framework for your use. If you find any suggestions, please contact us with your comments. You may notify us at: admin@gtigroup.org. Your comments, suggestions, or questions are always welcome and highly appreciated.