



Tecnológico
de Monterrey

Challenge Based Research Funding Program

Q&A Infosessions

August 2022

Session rules



Turn off your microphone



Write your question in the
chat

Highlighted points

1

Modalities

2

Collaborative work between Researchers from Research Groups and Research Units

3

Expected outcomes

4

Eligible expenses

5

Formats

6

Evaluation process

7

Projects' management

8

Others

2022 Calls for Proposals: 3 types of grant-modalities



Discovery Grant

Projects to investigate state of the art topics on specific disciplines to advanced knowledge.

Up to \$1M
annually

1- 2 year grant¹

Up to \$2M /
Project

From: Nov'22
To: June'24

Exploratory Grant

Projects to prove and demonstrate disruptive hypothesis to advance knowledge in state of the art topics

Up to \$2M
annually

1-2 year grant¹

Up to \$4M /
Project

From: Nov'22
To: June'24

Translational / Experimental Research Grant (Institutes only)

Original research projects that aim to take end-to-end hypothesis to TRL4: i.e., up to basic concept tests, before market scaling.

Up to \$4M
annually

1-2 year grant¹

Up to \$8M /
Project

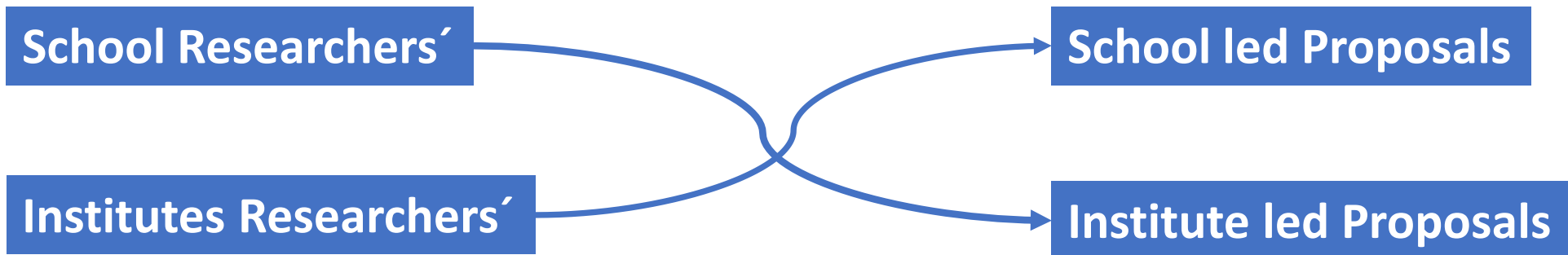
From: Nov'22
To: June'24

(1) Grants open only to Research Professors of Tecnológico de Monterrey

(2) 1 year + 8 months given that the funds will be distributed in Oct 2022 and the operating period ends in June 2024

Who can Apply?

Grants	Institutes Challenges	Schools Challenges
Discovery 1M per year		✓ (School Researchers Main focus)
Exploratory 2M per year	✓ (Institute Researchers)	✓ (School Researchers)
Experimental 4M per year	✓ (Institutes Researchers Main Focus)	



1 Primary Outcome

Completion of research project main objective and sub-objectives based on the project's workplan and products

% of accomplishment of sub-objectives

2 Research Products

Attainment of agreed products generated by the project

Publications, external fund attraction, talent development, external collaboration, technology transfer¹

National Schools' Minimum expected results

Create solutions

Solution development with impact on society's relevant issues, according to the National Schools' challenges.

External funding attraction

Funding attraction according on their annual plan /targets.

Publications and Scopus citation²

+ Publications in a TOP 50% (Q2/Q1) Journal according to the projects' discipline(s). + Congress participation / Book publication aligned with the discipline of the National Schools' strategy.

Talent attraction and development

Include Professors in early career² + Postdocs and PhD and Master students demonstrating R&D productivity growth.

National and International Collaboration

Productive collaboration with international and national universities / relevant partners and participate in national and international research networks.

Quantifiable impact

Comply with the projects' main objective and prove/disprove the hypothesis.

Although not compulsory, it is highly recommended to include early career researchers in the team of the project.

- 1) *Multidisciplinary Research Groups within Schools will have preference in project selection.*
- 2) *It is mandatory to include Early Career Researchers in the research team.*



Institutes' Minimum expected results

Not mandatory in
Exploratory Grant

3

Create solutions	Solution development with impact on society's relevant issues, according to the Institutes' challenges
External funding attraction	Year 1: 0.5 Million MXP/ Professor. Year 2: 0.6 Million MXP/ Professor.
Publications and Scopus citation ²	<u>For Challenge Based Research Grant:</u> Above the groups' average productivity. <u>For Exploratory Grants:</u> + One publication in a TOP 3% Journal.
Talent attraction and development	Outstanding talent: By 2025-2026 70% of researchers within the top 10% LATAM. Professors, Postdocs and PhD students demonstrating R&D productivity growth.
National and International Collaboration	Productive collaboration with 2 international TOP 10 universities and participate in national and international research networks.
Quantifiable impact	Year 2: Quantitative indicators regarding the obtained impact within the projects' main objectives.
TRL4 Technology Transfer and BCT Entrepreneurship	To achieve in 2 years: at least 1 PI register, 1 TRL4 technology development, and to participate in the creation of a science-and-technology based company (or the equivalent for public policy).
Collaboration with Companies and other Organizations	To have three contractual partners for R&D development and transference: Companies, Foundations, International organizations, other.



Budget Utilization Guidelines¹

Institutes and National Schools

4

Talent

Postdocs²
Institutes: 0.5

Schools: 1
or complement if
funded with external
funds

**Technology
Development**
Experts
Max 1 year

**Complementary
stay
compensation**³

Materials & Experimentation

Internal and External Services,
Includes Prototype Development / PoC

Equipment
Minor equipment
approved by Core Labs
Dir.⁴

Materials

Travels

Research stays
More than 1 month
and up to 12 months

Travels & mobility

Publications

Open Access and Conferences
Complying with FAP guidelines

Does not apply for:

- Time to do research ('Descarga')
- Variable compensations
- Scientific or professional associations' memberships
- Working meals, catering and dining events
- Administrative staff salaries and expenses
- Financial resource exchange between universities, only applies for Experimentation services

(1) Resource spending "managed as CONACYT": adjustments should comply the established guidelines. Budget in Mexican pesos.

(2) Institutes' Researchers may have up to 1.5 postdocs financed by Tec; "0.5" means 1 Postdoc doing joint research led by 2 Researchers, indicator must be ensured by Institutes' Directors

(3) In compliance with **Talento y Experiencia** policies

(4) Core Labs director must authorize equipment acquisition; the budget should include all the related costs for its operation during the project's duration, such as space adaptation, installation, insurance, maintenance, and others.

 Salaries

 Expenses



Checklist of documents to include in the proposal

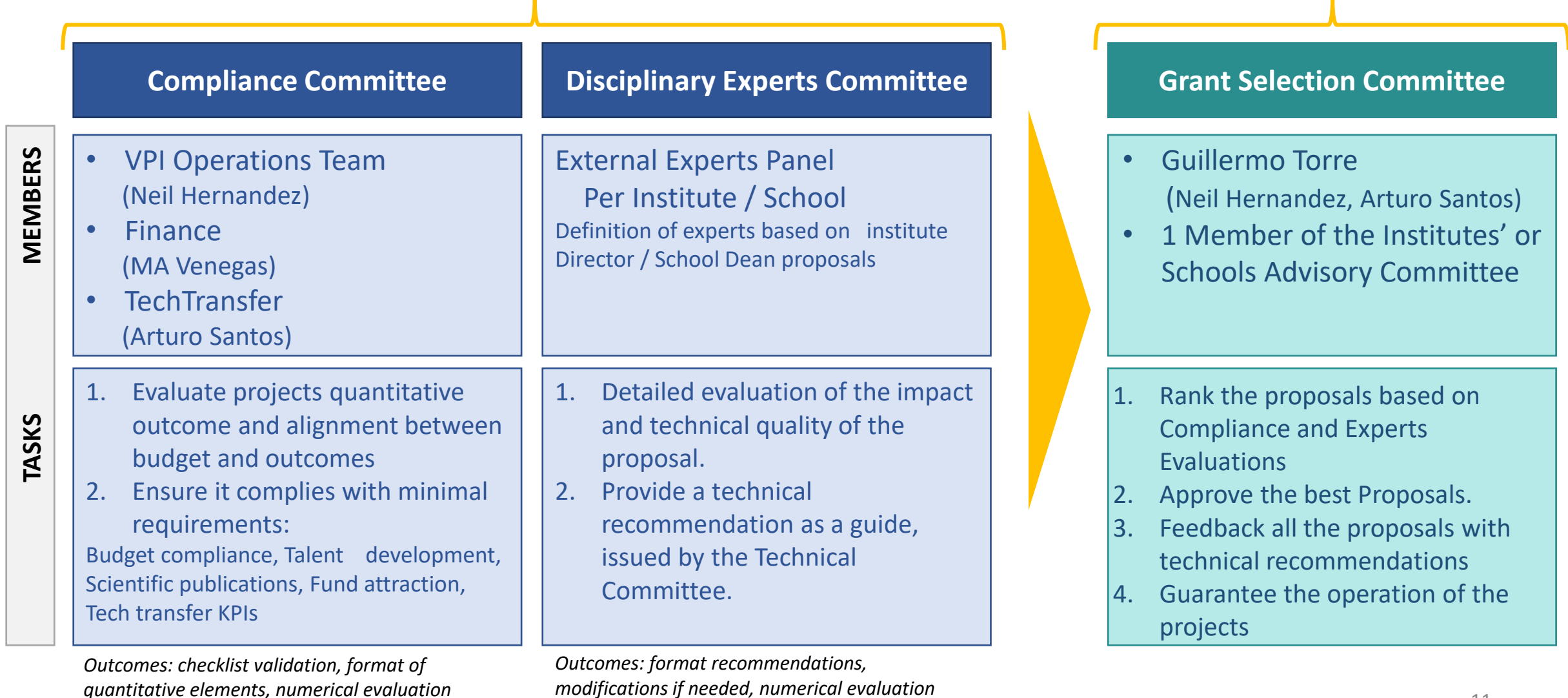
1. Application Form
2. Research Impact Planning Canvas
3. Project Timeline and Milestones Template
4. Budget Template
5. Intelligence report. Universities TOP100 in the areas of the Institute use to propose strategic partners
 - <https://forms.gle/WA5c3o8KJLWyXqkM6>
6. The Technology Observatory report (only Modality 3. Translational/Experimental Research Grants)



Grant assignment process, management and committees regulated by VPI

4 WEEKS, quantitative and qualitative evaluations occurring at the same time

3 WEEKS

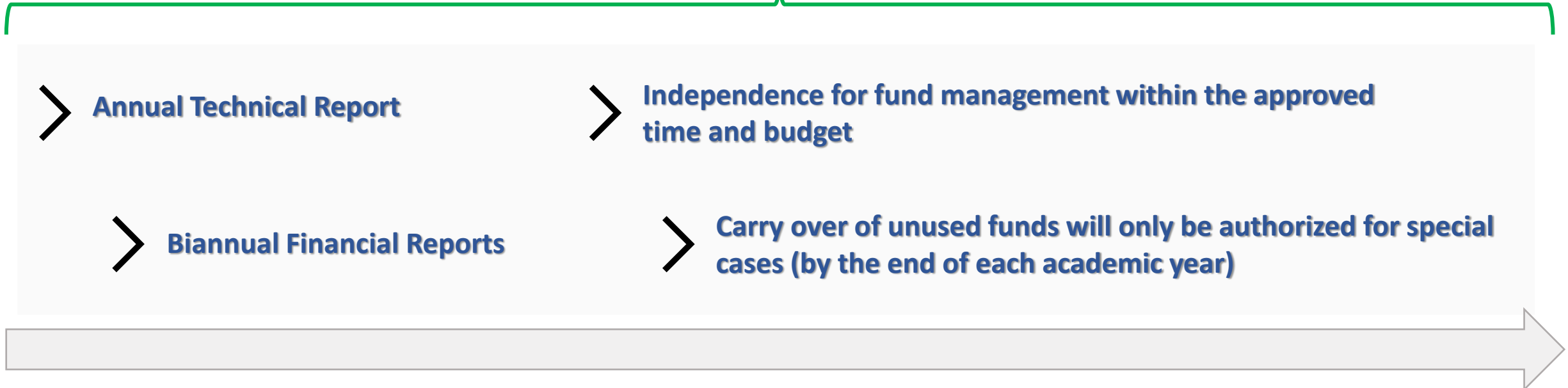


(1) If not TEC employees they will be granted a token of appreciation

Budget Utilization Guidelines

Operations' Guidelines¹

1 year 8 months



> Annual Technical Report

> Independence for fund management within the approved time and budget

> Biannual Financial Reports

> Carry over of unused funds will only be authorized for special cases (by the end of each academic year)

Nov 2, 2022

Fund
Delivery
Date

+
Projects' Kick off

Jun 30th 2024

Period
End
Closing

(1) See Annex 3 for a Detailed List of Budget Utilization Guidelines for Institutes & National Schools



Budget Utilization Detailed Guidelines

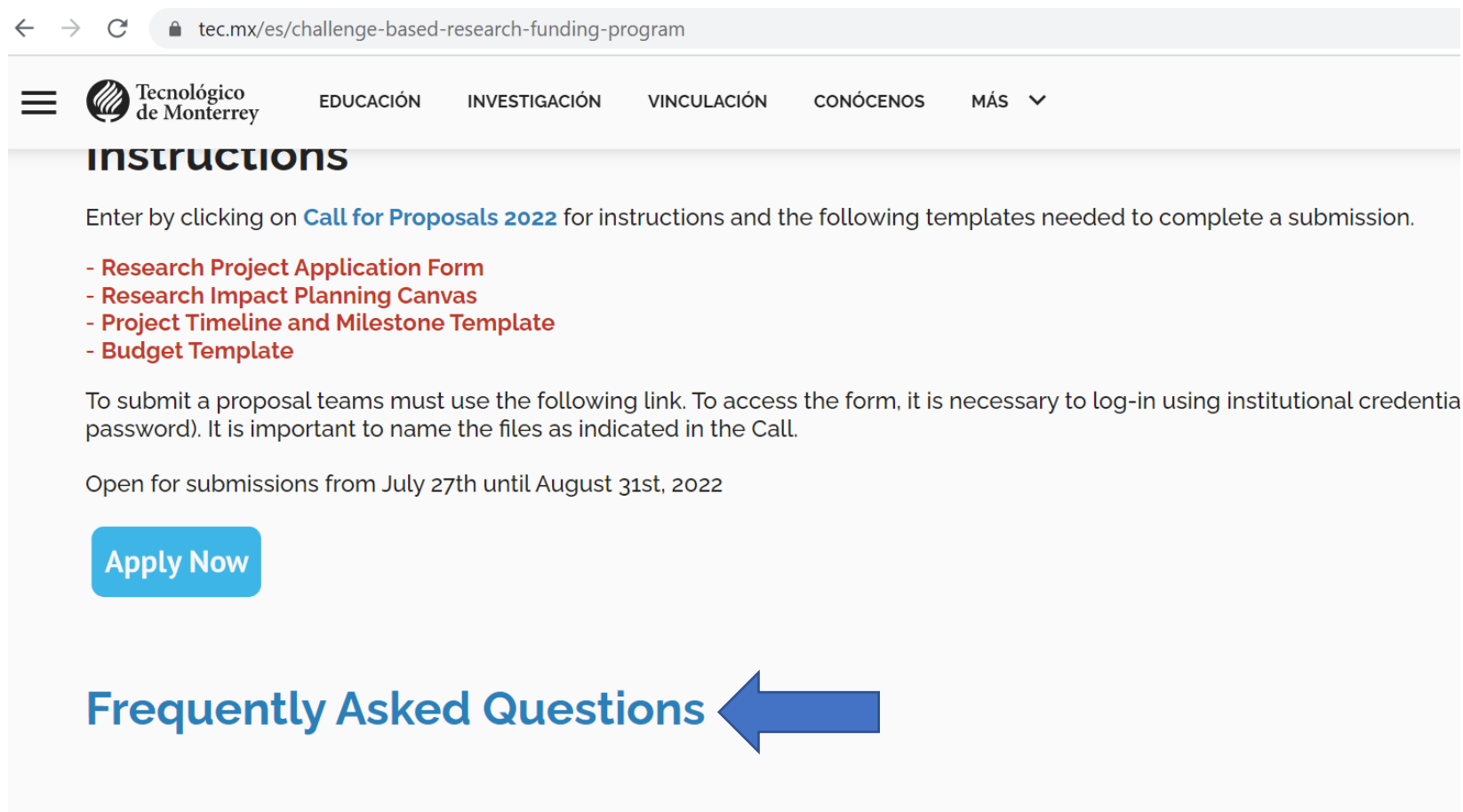
Institutes and National Schools | Grants and Seed Funds from the Research Fund

1. Budget will be approved and managed as CONACYT: Researchers will apply to produce specific results and impacts.
2. For the evaluation of the proposal and the annual evaluation processes, special emphasis will be made on the work plan and its products.
3. During the project operation, research teams will have to:
 1. Present a technical progress report on June 15, 2023, and the final technical report on July 14, 2024. A financial statement progress report on June 15, 2023, and December 1, 2023, and a final financial statement report on July 14, 2024.

All reports will be evaluated by the Technical committee¹ with support from finance team for the financial report and must include the supporting documentation for the generated products.
4. Prepare an annual special report to communicate to the Board the progress and impact of the project. Annual plan revision will be performed on March 15th, to adjust for the following year's annual budget.
5. In case of delay in the budget exercise, it will be possible to request to transfer the unused budget from year 1 to year 2, based on technical and financial justification. In case of need contact the Director of Research Management, Lic. Ana Lilia Benavides (abenavides@tec.mx), the budget carry-over will also require the Financial Officer's approval (Ma. Alejandra Venegas, mavenegas@tec.mx).
6. The Project's financial operation must abide by internal rules and regulations, and it is subject to internal audits.
7. All acquisitions, research products and outcome (Publications, Intellectual Property, Equipment, etc.) will be property by Tec de Monterrey.
8. Any other issue not considered in this call will be analyzed by the VP of Research and any other expert appointed by the VP of Research.

1. The Official Technical Committee of each National School / Institute presented to the CFI. (2)

More questions



The screenshot shows a web browser window with the URL tec.mx/es/challenge-based-research-funding-program. The page header includes the Tec de Monterrey logo and navigation links: EDUCACIÓN, INVESTIGACIÓN, VINCULACIÓN, CONÓCENOS, and MÁS. The main content area is titled "INSTRUCTIONS" and contains the following text:

Enter by clicking on [Call for Proposals 2022](#) for instructions and the following templates needed to complete a submission.

- [Research Project Application Form](#)
- [Research Impact Planning Canvas](#)
- [Project Timeline and Milestone Template](#)
- [Budget Template](#)

To submit a proposal teams must use the following link. To access the form, it is necessary to log-in using institutional credentials (username and password). It is important to name the files as indicated in the Call.

Open for submissions from July 27th until August 31st, 2022

[Apply Now](#)

[Frequently Asked Questions](#) ←

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