

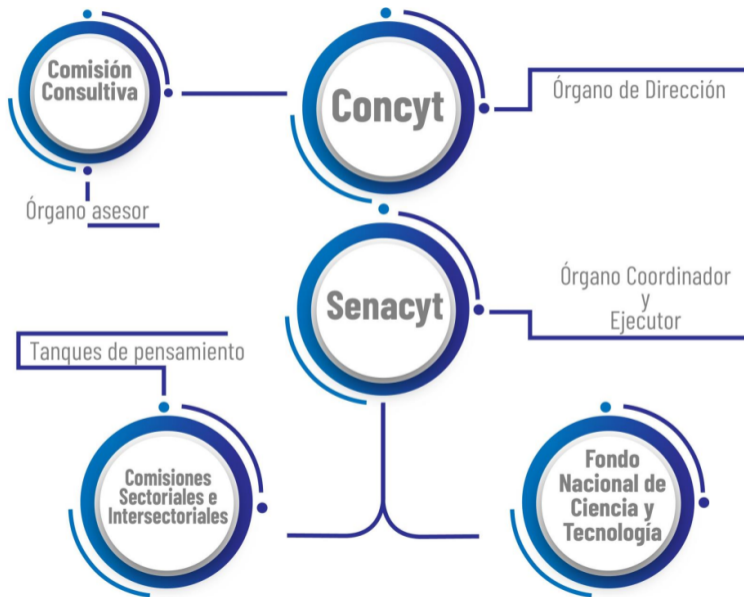
Highlights on science public funding in Guatemala

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National Science and Technology System



Institutional Strategy for Science and Tech development

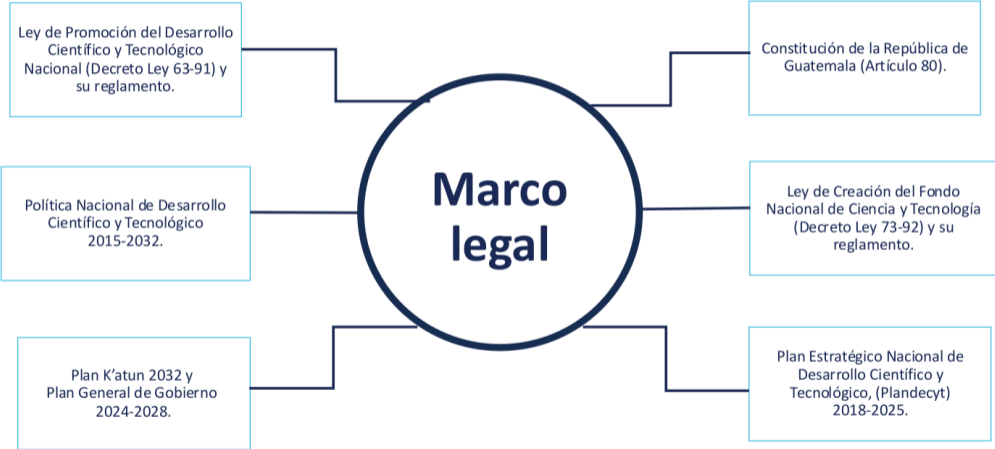
- ▶ Political and sectoral articulation
- ▶ High-Level Human Talent Training (grad students)
- ▶ International Articulation
- ▶ Institutional Strengthening
- ▶ Dissemination of Science, Technology, and Innovation with a Territorial Focus
- ▶ Inclusion of Women and Indigenous Peoples in Science, Technology, and Innovation

Topics of Interest

- ▶ Combating Poverty and Hunger
- ▶ Health and Well-being
- ▶ Quality Education
- ▶ Climate and Climate Change
- ▶ Sustainable Cities and Communities
- ▶ Orange Economy

All of these sustained by basic sciences

Legal frame



National Fund (trust)

- ▶ Secretariat operating expenses: Q. 21.5 million (US\$ 2.8 million) per year
- ▶ National Science-Tech Fund: Q. 12.5 million (US\$ 1.6 million) per year
- ▶ Total: Q. 34 million (US\$ 4.4 million) per year

Four funding programs

- ▶ FormaCTi: High-Level Human Talent Training
- ▶ ProCienciaGT: Research Based on Social and Productive Demands
- ▶ ProInnovaCTi: Innovation and Technology Transfer
- ▶ ComunicaCTi: Science and Technology Popularization

Physics in Guatemala

- ▶ Universidad de San Carlos (public): undergrad (~ 1980), master (2003), doctorate (2021)
- ▶ Universidad del Valle: undergrad (~ 1970)
- ▶ Universidad Mariano Gálvez: undergrad (~ 2015)

Projects: LAGO (Astro particle physics), U. San Carlos, U. del Valle
Agreement with CERN under development