



# Space Generation Advisory Council

*in support of the United Nations Programme on Space Applications*

Vienna, May 3<sup>rd</sup>, 2008

Dear Dr. Luis Tellez,

I would like to congratulate you for the great opportunity you have in your hands to decide if Mexico will have an access to the benefits of Space Applications.

In Space Generation Advisory Council (SGAC), we have seen that participation in the improvement of science and technology implies a role in deciding the policy and requests accepting our responsibility for the education of the citizens. We understand that financing a space program may create pressure from constituencies that feel their needs are not being met today, but not spending and thus importing space-based solutions for various issues may create similar problems tomorrow.

Based on our experience these areas (and more) can bring direct benefits to Mexico and its people:

- Visibility and credibility of the Mexican Telecommunications companies and services with permanent and solid presence at the International Telecommunications Union (ITU) and other international organizations.
- Surveillance of maritime commerce and fishing industry inside Mexico's waters.
- Enabling the use of Satellite Space Applications for natural disaster monitoring: Hurricanes, floods, volcanoes, drought, and earthquakes.
- Becoming a partner and a player in the new incoming era of Space Commercialization
- Access to innovation and economic growth.
- Academic and scientific research to develop technologies and aerospace applications.
- Environmental Monitoring of such rich and unique national biodiversity
- Access to Satellite Civil and Commercial applications such as: Communications, Navigation, Remote Sensing and Geographical Information Systems (GIS)
- Historical site and Archaeological preservation using satellite remote sensing applications
- Strengthening of the National Space Policy and Law by:
  - Regulating the technology transfer,
  - Re-evaluating five Space treaties signed and ratified by Mexico (including the 1972, Moon treaty), without which it would make impossible for Mexico to join the Space Fairing Nations and its companies missing great opportunities of today for the new Era of Moon exploration and commercialization
- Position Mexico's international outlook: from being a developing country into a source of knowledge and technology.

Mexico has fostered foreign investment in the Aerospace sector since 2002. Decisions in such strategic sector have shown benefits such as becoming the sector with the most growth, positioning the country as top 9<sup>th</sup> exporter to the US. AEXA can support, with specialized and highly educated aerospace leaders, guiding the development of the national aerospace sector in response to the country's needs.

Space, a strategic area that has remained underdeveloped and abandoned since the early 1970's in Mexico offers a great opportunity to join the Space Fairing Nations of the world in their new plans to



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mitigate and offer solutions to key problems for the human race including: energy sources (He<sup>3</sup>, space power), transportation, telecommunications, surveillance, environmental monitoring, etc. These efforts have been already joined by countries such as Brazil, India, South Korea, Peru, Argentina, Chile, which have similar conditions to Mexico. We realize space activities are costly but we are certain that the benefits would outweigh the costs.

We strongly believe that the creation of AEXA is necessary for Mexico. In case you need any information regarding further knowledge on the benefits of space applications on daily lives of Mexican citizens or You have any other concerns in regards to space topics such as: Space Policy, Research and Development, Opportunities for Mexico, etc. please do not hesitate to contact us. We currently have many members in Mexico who are led by our two Mexican National Points of Contact: Israel Ojeda Coronado and Francisco Nieto. Hence, we are quite aware of space activities in your country.

Kind Regards,

Agnieszka Lukaszczyk  
Executive Officer

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<sup>1</sup> Information about SGAC: The Space Generation Advisory Council in support of the United Nations Program on Space Application (SGAC) is a non-governmental organization which aims to represent students and young space professionals to the United Nations, States, and space agencies. SGAC has permanent observer status in the UN Committee on the Peaceful Uses of Outer Space (COPUOS). SGAC has a long history and was conceived at the Third United Nations Conference on the Exploration and Peaceful Uses of Space (UNISPACE-III) in Vienna in 1999, the SGAC Executive Council is made up of representatives from each of the 6 UN regions, and has a larger body of representatives from nation states. Our focus is on pragmatic space policy advise to policy makers based on the interests of students and young professionals, broadly in the age range 18-35, interested in space from around the world.