THE IMPORTANCE OF SPACE ACTIVITIES FOR THE SOCIO-ECONOMIC DEVELOPMENT OF MEXICO

HLF “Space as a Driver for Socio-Economic Sustainable Development”

DUBAI … NOVEMBER 23, 2016
Mexico in numbers

**LAND & POPULATION**

14th Country by total area (1.9 million km²)
120 million inhabitants

**ECONOMY & SOCIAL INDICATORS**

15th Economy (GDP 2015)
*The World Bank*

2nd Happy Planet Index
*HPI, 2016*

4th Best place for expats
*Expatriate Insider 2016*

2nd Country with the largest diaspora population (2015)
*International Migration Report, 2015*

74th Human Development Index
*UNDP*
Mexico in numbers (II)

Iliteracy

Geographically dispersed population

Indigenous population: 7.4 mill

46.2% lives in poverty

CONEVAL

71st Inequality Index (Gini)

UNDP

Geographically dispersed population

INEGI
The Mexican Space Agency

**Mision**

AEM will be an enabler to allow that Mexico could be a recognized nation in the development and use of space science and technology to improve the quality of life of all Mexicans

**Vision**

Transform Mexico into a country with scientific activities and world class space technology developments, focused on social needs and articulated to leading edge industrialization programs, contributing to the country’s competitiveness

**Space Plan**

**Mexico´s road map of the space industry 2030**
1.2
BY 2030, REDUCE AT LEAST BY HALF THE PROPORTION OF MEN, WOMEN AND CHILDREN OF ALL AGES LIVING IN POVERTY IN ALL ITS DIMENSIONS ACCORDING TO NATIONAL DEFINITIONS

MEXICO HAS A MULTIDIMENSIONAL POVERTY MEASUREMENT:

<table>
<thead>
<tr>
<th>Category</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Income</td>
<td>53.2%</td>
</tr>
<tr>
<td>Education gap</td>
<td>18.7%</td>
</tr>
<tr>
<td>Access to health services</td>
<td>18.2%</td>
</tr>
<tr>
<td>Access to social security</td>
<td>58.5%</td>
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<tr>
<td>Access to basic services in the household</td>
<td>21.2%</td>
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<tr>
<td>Access to food</td>
<td>23.4%</td>
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<tr>
<td>Quality and spaces of the household</td>
<td>12.3%</td>
</tr>
</tbody>
</table>
1.4 By 2030, ensure that all men and women, in particular the poor and the vulnerable, have equal rights to economic resources, as well as access to basic services, ownership and control over land and other forms of property, inheritance, natural resources, appropriate new technology and financial services, including microfinance.

Internet access at home: 39.2%
% of individuals using internet: 57.4%

México Conectado

http://mexicoconectado.gob.mx
2.4
By 2030, ensure sustainable food production systems and implement resilient agricultural practices that increase productivity and production, that help maintain ecosystems, that strengthen capacity for adaptation to climate change, extreme weather, drought, flooding and other disasters and that progressively improve land and soil quality.
E nsure healthy lives and promote well-being for all at all ages

3.D
Strengthen the capacity of all countries, in particular developing countries, for early warning, risk reduction and management of national and global health risks

Tele epidemiology
Chagas
Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all

4.1
By 2030, ensure that all girls and boys complete free, equitable and quality primary and secondary education leading to relevant and effective learning outcomes

RED EDUSAT

38,498 reception centers for tele-education
8.2 Achieve higher levels of economic productivity through diversification, technological upgrading and innovation, including through a focus on high-value added and labor-intensive sectors.

Low productivity

Figure 2.7. Labour productivity, 2014
GDP per hour worked, total economy, US dollars, current prices and current PPPs

PNB average annual growth rate: 2.6% vs 13 % aerospace industry
FEMIA, 2014

430 companies
>31,000 employees
FEMIA, 2014
Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

9.5 Enhance scientific research, upgrade the technological capabilities of industrial sectors in all countries, in particular developing countries, including, by 2030, encouraging innovation and substantially increasing the number of research and development workers per 1 million people and public and private research and development spending.
Take urgent action to combat climate change and its impacts

13.2 Integrate climate change measures into national policies, strategies and planning

MAD-Mex

http://www.monitoreoforestal.gob.mx/mad-mex/#MAD-Mex
15.1
By 2020, ensure the conservation, restoration and sustainable use of terrestrial and inland freshwater ecosystems and their services, in particular forests, wetlands, mountains and dry lands, in line with obligations under international agreements.
Final remarks

To have more fair societies and achieve the SDG’s using space:

- Engage actors from other communities & disciplines
- Intensify international cooperation (South-South)
- An adequate legal framework and financial support