



**ACTIVITIES REPORT**  
2015 - 2016



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# ■ About Milset

## VISION

Inspiring youth through science and technology initiatives.

## MISSION & OBJECTIVES

MILSET supports its member organisations to engage youth in science, technology, engineering, arts and mathematics (STEAM) through motivation, cooperation, collaboration, networking, and sociocultural interchange.

### We achieve this by:

Helping member organisations create a local or national environment to motivate youth to be involved in STEAM;

Connecting, supporting, and representing member organisations around the world;

Stimulating and supporting international youth networking and cooperation through STEAM; and

Providing member organisations with global opportunities to engage youth in STEAM.

## VALUE

MILSET programmes and events also reflect the organisation's non-negotiable values:

**Participation:** MILSET programmes and activities are open to all.

**Ideology:** MILSET programmes and activities focus on science, technology, engineering, arts and mathematics (STEAM) and are free of political, religious and other ideological agendas or propaganda.

**Integrity:** MILSET is honest, consistent, and clear in its conduct and relations with members, youth, and others.

**Competition:** MILSET believes that competition motivates youth to participate in science, technology, engineering, arts and mathematics (STEAM); however:

ESI and Regional Expo-Sciences are non-competitive events with a program that focuses on cooperation, collaboration, networking, and sociocultural interchange. No form of project competition or awards is permitted; youth may be recognised equally for their participation.

Other MILSET programmes and activities may include competition, but only if the judging and award winner selection processes are clear, rigorous and equitable, and are conducted by people with recognised expertise in the applicable field(s). The competition that is perceived by participants to have been misrepresented, unfair, inconsistent, or lacking in credibility discourages youth and reflects badly on the organisation.

## WHAT IS MILSET?

The Mouvement International pour le Loisir Scientifique Et Technique (MILSET) or the International Movement for Leisure Activities in Science and Technology, in English, is a non-governmental, non-profit and politically independent youth organisation.

MILSET was created in 1987 during the 1st Expo-sciences International held in Québec City, Canada. Various Regional Offices were progressively established:



## Dear Friends of the MILSET Family,

Please receive my warmest greetings, wishing you and your family a life full of success.

I would like to take this opportunity to thank everyone for their invaluable enthusiasm and effort during our 2015-2016 seasons of activities, which allowed us to carry out major MILSET programs and events. One of the most significant efforts in 2016 was the Regional Offices organizing Regional Expo-Sciences. In Muscat, Oman, with the strong support and commitment of MILSET Asia, the 4th Expo-Sciences Asia was an overwhelming success. Europe held the 11th Expo-Sciences Europe in Toulouse, France. Latin America carried out its 8th Expo-Sciences in Mazatlán, Mexico and we welcomed the 1st Expo-Sciences Vostok in Moscow, Russia.

At the global level, the Young Citizens Conferences (YCC) engaged participants around the world on the topic of energy, and the MILSET Science Photo Contest (SPC), coordinated by MILSET Europe, attracted many remarkable images.

The MILSET global office in Mexico continues its collaboration with the Universidad Popular Autónoma del Estado de Puebla (UPAEP). In 2015, an agreement enabled us to add Liz Vela to the MILSET staff as Communication Manager. In 2016, Bere Suárez joined the staff as Managing Director, both working from the MILSET office located on the UPAEP campus.

For some time now, preparation for MILSET Expo-Sciences International (ESI) 2017 in Brazil has been our

primary focus. We have followed the process closely, and several missions were undertaken to ensure the success of the event. I invite all members to celebrate the work of the ESI 2017 Organising Committee and to participate with energy and enthusiasm.

While ESI 2017 will be the main event, we will also be celebrating the 30th Anniversary of MILSET throughout the year. Let's use this important milestone to renew our focus on achieving the goals in our 2014-2019 Strategic Plan and the priorities established by the Board of Directors.

I want to thank all the members of the Board of Directors and the Executive Committee for volunteering their time to improve MILSET's daily operations. Their contribution and commitment to the MILSET Strategic Plan bring our programs to fruition, with a direct impact on thousands of youth around the world.

Now is the time to face new challenges and celebrate the enthusiasm of members, volunteers and partners. We must capitalize on the creativity and expertise of all as we enhance MILSET's online profile and prepare important youth STEAM events, including MILSET ESI 2019 in Abu Dhabi, United Arab Emirates and Regional Expo-Sciences in South Korea, Chile, Poland, etc.

Best regards.



**Roberto Hidalgo**  
MILSET President

# Organisation

## MEMBERS

<b>Africa:</b>	7 countries - 12 organisations
<b>Amlat:</b>	9 countries - 18 organisations
<b>Asia:</b>	28 countries - 47 organisation
<b>Europe:</b>	28 countries - 53 organisations
<b>Noram:</b>	1 country - 2 organisations
<b>Vostok:</b>	2 countries - 11 organisations

## SPONSORS

**MILSET Asia**  
**Universidad Popular Autónoma del Estado de Puebla (UPAEP)**  
**Jeunesses Scientifiques de Belgique**  
**Oman Government and UNESCO**

## HUMAN RESOURCES

**MILSET Managing Director** (part time) - Berenice Suarez  
**MILSET Communications Manager** *Lisette Vela*

# Strategic Plan Report

## 2015-2016

During ESI 2015 in Brussels, we reported on the first phase of a new strategic plan to give MILSET a more consistent approach to its operation and programs. The new statement of program and event philosophy and rules for use of the MILSET brand are now well established; however, several of the remaining tasks proved to be more challenging. Work is still continuing on new quality standards for programs and events and on the statements of benefits to member organizations and sponsors. The new target for their completion is December 2017.

Also in Brussels, the Board of Directors selected three priorities to achieve by September 2019:

1. MILSET programs and events are characterized by interactivity and engagement, and directly reflect the mission through a focus on motivation, cooperation, and networking for youth and adult participants;
2. MILSET ESI is the most prestigious non-competitive science event for youth in the world; and
3. MILSET uses its online presence and social media to enable youth from around the world to connect, collaborate, and share their passion for science and technology.

For the first priority, the Executive Committee chose to focus on improving the experience at Expo-Sciences through program activities to help youth meet each other, visit and learn about their projects, and improve their skills in science communication.

Various activities were tested at the first MILSET Vostok Regional Expo-Sciences in Moscow in November 2016. Several of these activities have been included in the ESI 2017 program and we look forward to receiving feedback from participants.

The second priority is challenging to measure, as ESI is one of the only non-competitive international youth science events. In the ESI 2015 participant survey, we asked youth and adults who had participated in other international youth STEAM events (including competitive events) to rate how MILSET ESI 2015 compared in experience and prestige. Although the sample size was small at 59, ESI 2015 was rated as being:

Slightly less prestigious than Intel ISEF;

About the same level of prestige as I-SWEEEP and the Taiwan International Science Fair; and

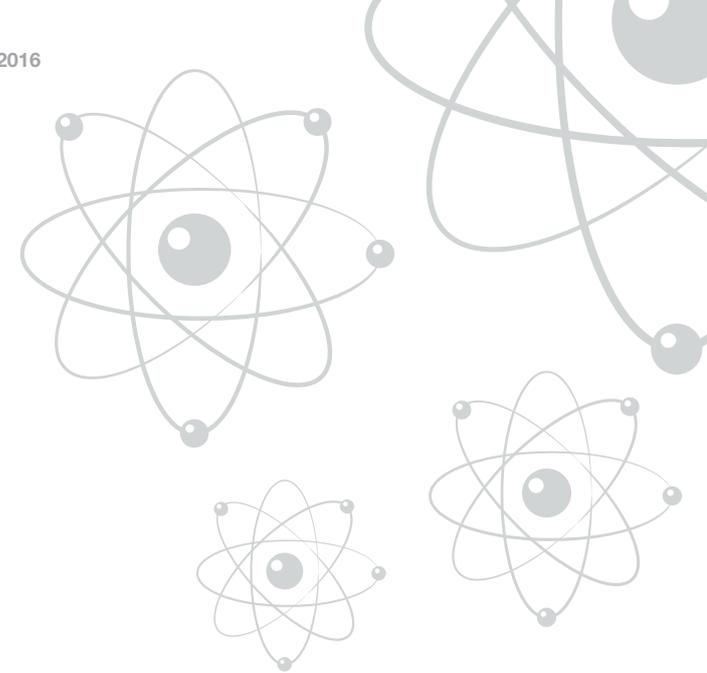
Somewhat more prestigious than previous MILSET ESIs, the Asia, Europe and Amlat Regional Expo-Sciences, GENIUS Olympiad, and INESPO.

We are pleased that, at least for the participants, MILSET ESI is considered to be among the most prestigious international youth STEAM events. We will measure this again after MILSET ESI 2017.

The third priority is currently our greatest challenge. The MILSET web site was developed 10 years ago and is now obsolete in technology and design. Newer sites have been created for programs and for every ESI and Regional Expo-Sciences, each with its own appearance, navigation structure, branding, and management. Several regional offices have built their own separate sites because the MILSET site was difficult for them to use, or to

use a language that it could not easily accommodate, such as Arabic. The result is a collection of inconsistent and disconnected sites that inhibits the sharing of stories and information between regions, programs, and events, the aggregation of data, and oversight by the MILSET office. In January 2017, MILSET contracted a software development company to review the organization's online presence, identify issues, and make recommendations. Their report was received in late March and their proposal in late April. The Executive Committee has been considering the recommendations and will make a decision soon on how to proceed.

Over the next two years, MILSET will focus on completing the remaining tasks from 2015, continuing to improve the program and event experience, and building a more effective online presence.



## ■ Governance

### EXECUTIVE COMMITTEE

- Roberto Hidalgo - Mexico - **President**
- Adnan Al-Meer - Kuwait - **Vice-president**
- Reni Barlow - Canada - **Vice-president**
- Carole Charlebois - Canada - **General Secretary & Treasurer**
- Ksenia Salnikova - Russia
- Antoine van Ruymbeke - Belgium

### HONORARY PRESIDENT

- Jean-Claude Guiraudon - France

### BOARD OF DIRECTORS

#### REGIONAL COLLEGE

- Adnan Al-Meer - Kuwait
- Dawood Al-Ahmad - Kuwait
- Eugenio Urrutia - Mexico
- Maria Angélica Riquelme - Chile
- Antoine van Ruymbeke - Belgium
- Eduardo Batista - Portugal
- Ksenia Salnikova - Russia
- Reni Barlow - Canada
- Africa representative- vacancy

#### INDIVIDUAL COLLEGE

- Roberto Hidalgo - Mexico
- Carole Charlebois - Canada
- Alexander Leontovich - Russia
- Hélio Luiz Brochier - Brazil

## ■ Governance Activities

### GENERAL ASSEMBLY

On July 22nd, 2015 was held the General Assembly during ESI 2015 in Brussels, Belgium. The meeting was

attended by 62 members. The Statutes were reviewed and the Strategic Plan 2014-2019 was presented.



### BOARD OF DIRECTORS MEETINGS

During ESI 2015, the Board of Directors meetings were held. At these meetings important actions to improve the future of MILSET were discussed and approved.



### EXECUTIVE COMMITTEE MEETINGS

The Executive Committee had 4 face-to-face meetings from 2015 to 2016: 2 of them in Belgium, Brussels; 1 during ESI AMLAT 2016 in Mazatlán, Mexico and the last one during ESA 2016 in Muscat Oman, in addition to 3 online meetings.



## ■ Communication & Promotion

- Preparation of several official documents
- Coordination of digital and printed materials for ESI 2015 and ESI 2017
- Preparation and Management of MILSET 30th Anniversary campaign
- Management of MILSET website, development of content and promotion of MILSET on social media
- Launching of MILSET twitter (@MILSET\_Global)
- Follow up of MILSET members' social media (Facebook, Twitter)
- Preparation of MILSET Newsletters
- Support Regional Offices for their communication activities
- Support MILSET AMLAT on the preparation of the Leader Congress and Young Citizens Conferences for Expo-Sciences AMLAT 2016
- Coordination of the communication aspects of ESI 2017 and the ones related to MILSET activities
- Implementation of Communication Policies

## ■ Financial Reports

### MILSET- Statements of Financial Position as per December 31, 2016

ASSETS	FY 2016	FY 2015	FY 2014
<b>Current Assets</b>			
• Cash - HSBC - Paris	78,250.64	97,926.97	79,046.25
• Cash - UPAEP	19,041.24	11,882.12	9,722.39
	<b>97,291.88</b>	<b>109,809.09</b>	<b>88,768.64</b>
<b>Accounts Receivable</b>			
• ESI 2011 - AMAVET	-	-	21,870.00
• ESI 2017 Host Committee - Missions	3,555.09	-	-
	<b>3,555.09</b>	<b>-</b>	<b>21,870.00</b>
<b>Prepaid Expenses</b>			
• Expenses Account 2017 - C. Charlebois	-	320.00	-
• Website Expenses	-	-	1,794.44
	<b>-</b>	<b>320.00</b>	<b>1,794.44</b>
<b>TOTAL ASSETS</b>	<b>€ 100,846.97</b>	<b>€ 110,129.09</b>	<b>€ 112,433.08</b>

LIABILITIES	FY 2016	FY 2015	FY 2014
<b>Current Liabilities</b>			
• Accounts payable - Salary _2016	3,333.00	-	-
• Accounts payable - Registration Fees _ESI 2017	1,700.00	-	-
	<b>5,033.00</b>	<b>-</b>	<b>-</b>
<b>Deferred Revenues</b>			
• Membership Fees collected for 2016-2017-2018	400.00	2,200.00	83.80
• Registration Fees - ESI 2015	-	19,400.00	-
• Registration Fees - ESI 2017 (MILSET part 17-18)	250.00	-	-
	<b>650.00</b>	<b>21,600.00</b>	<b>83.80</b>
<b>TOTAL LIABILITIES</b>	<b>€ 5,683.00</b>	<b>€ 21,600.00</b>	<b>€ 83.80</b>

NET ASSETS (DEFICIENCY)	FY 2016	FY 2015	FY 2014
Unrestricted	95,163.97	88,529.09	112,349.28
	<b>€ 100,846.97</b>	<b>€ 110,129.09</b>	<b>€ 112,433.08</b>

# MILSET Financial Reports

REVENUES	2016	2015	2014
• Membership Fees 2014	-	-	4394.10
• Membership Fees 2015	500.00	7,618.40	-
• Membership Fees 2016	4,390.97	-	-
• Membership Fees 2017	300.00	-	-
• Membership Fees 2018	100.00	-	-
• ESI 2013 Registration Fees (MILSET portion)	-	-	40,123.56
• ESI 2015 Registration Fees (MILSET portion)	19,400.00	19,400.00	-
• ESI 2017 Registration Fees (to be transferred to HC in 2017)	1,700.00	-	-
• ESI 2017 Registration Fees (MILSET part 2017)	125.00	-	-
• ESI 2017 Registration Fees (MILSET part 2018)	125.00	-	-
• AMAVET ESI 2011 - Reimbursement Debt	-	-	1,500.00
• Reimbursement - Carole Charlebois - Prepaid Expenses not used	-	-	1,500.00
<b>TOTALS</b>	<b>€ 26,960.97</b>	<b>€ 27,018.40</b>	<b>€ 46,017.66</b>

EXPENSES	2016	2015	2014
• Salaries	8,565.23	8,526.68	8,802.41
• Membership Fees (UNESCO)	-	-	125.00
• Printing Materials	-	3,302.66	-
• Travel / Missions	7,874.71	10,957.68	10,028.90
• Bank Charges	791.11	907.20	433.04
• Web fees	801.89	812.08	4,015.50
• Supplies & Others	603.77	865.20	169.66
• ESI 2015 - Custom Fees & Others	-	1,778.94	-
• ESI 2017 Promotion Mission (to be charged to Host Committee)	3,555.09	-	-
<b>TOTALS</b>	<b>€ 22,191.80</b>	<b>€ 27,150.44</b>	<b>€ 23,574.51</b>
<b>SURPLUS</b>	<b>€ 4,769.17</b>	<b>€ (132.04)</b>	<b>€ 22,443.15</b>

# MILSET Activities

## EXPO-SCIENCES INTERNATIONAL

The Expo-Sciences International (ESI) promotes scientific knowledge in a multi-cultural environment through an exhibition of projects created by students and young scientist from all around the world. Held every odd year in one of the countries of the affiliated members, ESI represents an amazing opportunity to share knowledge and to create new relations with other STEAM organisations.



### ESI 2015

- Brussels - Belgium  
July 19-25
- Organiser: Jeunesses scientifiques de Belgique
- Participants: 908 (including 596 young participants)
- Projects: 351
- Countries: 52
- Delegations: 83
- Volunteers: 61



### ESI 2017

- Fortaleza, Brazil  
August 7-12
- Organiser: Associação Movimento Pela Ciência e Aprendizagem Do Brasil
- Data on actual registrations:  
Participants registered: 819
- Projects: 294
- Countries: 36
- Delegations: 61

### ESI 2019

The 17th edition of the Expo -Sciences International ESI 2019 will be organized by the Abu Dhabi Centre for Technical and Vocational Education Training (ACTVET) from September 22nd to 28th, 2019 in the emblematic city of Abu Dhabi, United Arab Emirates

## REGIONAL EXPO-SCIENCES

### Expo-Sciences Asia (ESA 2016)

The 4th Expo-Sciences Asia was organised by the Sultanate of Oman, in the mystic and wonderful capital Muscat. This amazing event was held at the Grand Hall of Sultan Qaboos University, from December 11th -16th, 2016 in which 200 participants with their 90 projects, from 15 countries, showed their creativity by the development of real solutions for actual problems.



### Expo-Sciences Latin American (ESI-AMLAT 2016)

From May 30th to June 2nd, 2016 Mexico held the 8th edition of the Expo-Sciences Latin American, in the marvellous "Mazatlán Convention Centre" in Mazatlán city. This event brought together over 400 participants, with 118 projects, from 11 countries. The attendees had the opportunity to meet the Mexican Astronaut "Jose Hernandez", who shared his experiences at NASA and his adventures in the space.





### Expo-Sciences Europe (ESE 2016)

The Hotel-Dieu St-Jacques, in the fascinating city of Toulouse, France, witnessed the realisation of the 11th edition of Expo-Sciences Europe from July 9th to 15th, 2016. In this edition, 325 participants coming from 30 countries presented their ideas to all the visitors.



### Expo-Sciences Vostok (ESV 2016)

In the Moscow Pedagogical University, from November 14th to 21st, the first Expo-Sciences Vostok took place. This first edition became a great success for the region, with the participation of 87 students with 41 projects from 5 countries, who demonstrated their researchs and also share quality time due to ice-breaking, cultural and recreational activities.



### NEXT REGIONAL EXPO-SCIENCES

#### Expo-Sciences Asia (ESA 2018)

The 5th edition of the Expo-Sciences Asia will take place in October 2018, in the technological city of Daejeon, South Korea.



#### Expo-Sciences Latin American (ESI-AMLAT 2018)

The cosmopolitan city of Antofagasta, in Chile, called the "Pear of the North", will host the 9th edition of the Expo-Sciences Latin American from July 2nd to 6th.





### Expo-Sciences Europe (ESE 2018)

The 12th Expo-Sciences Europe will be carried out from July 16th to 22nd, in the wonderful port city of Gdynia, Poland.



### Expo-Sciences Vostok (ESV 2018)

As the beginning of the Human race, Siberia will be a crucial place of the history, now hosting the 2nd Expo-Sciences Vostok in Yakutsk city, in the summer of 2018.

## LEADER CONGRESS

### International Leader Congress - 2015

The Leader Congress was held during ESI 2015, in Brussels, Belgium. The program consisted of a variety of conferences as follow:

- "How to motivate young people to embrace scientific careers"
- "The unfolding of rational knowledge: from Galileo to contemporary Physics" by François Englert, Nobel Prize Laureate in Physics 2013, Belgium
- "Importance of Scientific Culture for Young People" by Driss Louardi, MILSET Asia, Kuwait
- "Digital Expo-Sciences" by Babo Babakwanza, CIRASTI, France

### Leader Congress in the Regions - 2016

During 2016, three regions developed the Leader Congress program, during their Regional Expo-Sciences. That activity took place during ESI AMLAT 2016, in Mexico from May 30th to June 1st, 2016 and welcomed 100 supervisors and head of delegations from 9 countries, who had the opportunity to attend the conferences: "Love is also a Science", "Nanoparticles: the future coming", "New strategies for STEAM education".



In addition during ESV 2016, in Moscow was held multiple activities as "The annual Vernadsky conference for educators", "Canada's Newest Sport?" a round-table on MILSET educational projects and 3 hours of scientific communication training.

In Europe the Leader Congress was carried out during ESE 2016, on July 12 with the Conference: "Science for Peace".

## Science Photo Contest (SPC)

"From a water drop to a rainbow, from a bubble to a geyser, from smoke to light, from microscopy to astronomy, everywhere, we are facing scientific phenomena". MILSET aims to give an opportunity to freeze them for eternity! The main purpose of the Science Photo Contest is to link knowledge, observation, art and people. The category of the SPC is scientific phenomena.



The objectives are:

- Discover science in a new perspective;
- Link science observation and artistic expression;
- Promote youths' interest in science

The MILSET Science Photo Contest 2015 welcomed 1219 pictures from 41 countries from February to July 2015, which is the highest amount of pictures

received, following the motto: "When art meets science":

The winner was Mario Bejagan Cardenas from the United Arab Emirates.

The 2016 edition of the MILSET Science Photo Contest was conducted from February till July 2016, and received 782 photos from 39 countries, following the motto: "When art meets science".

The winner was Ivica Brlić from Croatia.



## YOUNG CITIZENS CONFERENCES (YCC)

The Young Citizens Conferences is a MILSET Activity that enables youth to express their views and concerns regarding a given topic by gathering their voices from every part of the world, encouraging them to actively participate into the debate.



### YCC 2015

The YCC was held on July 22, 2015 during the ESI 2015, in Belgium, with 150 participants discussing about Energy topic.



### YCC in the regions - 2016

During 2016 the Young Citizens Conferences took place in Europe during the ESE 2016, in the Vostok region, during ESV 2016 and at ESI-AMLAT 2016. In the course of the MILSET Europe Expo-Sciences the activities moved around three main topics: "Science Elitists", "Sexist Science", and "Dangerous Sciences". These topics were discussed in 7 presentations of 15 minutes, with 65 participants.

On the other hand, the MILSET Vostok Expo-Sciences included a Young Citizens Conference (YCC) on the 2015-2016 theme of energy. The conference opened with a presentation by a professor from the Moscow Pedagogical University and several of her students, which used a series of thought-provoking animated videos from various countries



to get the participants thinking about energy from various social perspectives. The videos, most of which had no dialogue, were excellent for this purpose.

In addition, MILSET Latin American Expo-Sciences took the Energy as the main topic, but the participants had to choose one of the 3 panels: "Energy in Home", "Energy for transportation" and "Energy for recreation". The participation was 21 debating students, 3 moderators and 50 people as audience.

# ■ Anthem

Around the world there are so many nations,  
The country borders tear the earth apart.  
But borders don't exist for Inspiration,  
And nothing limits Sciences and Arts.

Chorus:  
No more borders, we are all together,  
'T doesn't matter, what's your mother tongue.  
MILSET's here to break the walls forever!  
No more limits! The future's for the young!

So if you seek discoveries and inventions,  
And if your mind is open to the new,  
It can reveal the mysteries of Nature,  
The future of the world belongs to you!

Chorus (x2)

**Music and lyrics by**  
Roman Gadas and Evgeny Ballad

# Contact us

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