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*« Licence professionnelle en formation ouverte et à distance pour la performance énergétique et  
environnementale des bâtiments en Fédération de Russie, en Chine et en Azerbaïdjan »  
ERASMUS + LPEB n°561732-EPP-1-2015-1-FR-EPPKA2-CBHE-JP*

**TRAINING PROGRAM**  
**7<sup>th</sup> – 18<sup>th</sup> November 2016**

<b>Place of the training</b>	<b>Le Cnam – Paris</b>
<b>Contacts</b>	<b>Jean-Sébastien Villefort, Dijana Mirvic-Piednoir</b>

**Arrival date: 6th November 2016**

**Departure date: 19th November 2016**

**Transfer to hotel: Taxi, RER**

**Accommodation details: Hotel in Paris**

## 1. Objectives of the training course

A l'issue de la période de perfectionnement, les participants:

- a) Auront approfondi leurs connaissances scientifiques des disciplines fondamentales pour l'efficacité énergétique du bâtiment
- b) Auront collecté les ressources pédagogiques et les séquences éducatives associées
- c) Le cas échéant, se seront approprié la pratique et les ressources des espaces numériques de l'université européenne

## 2. List of participants

Full Name	Institution
HASANOV Vagif	Azerbaijan Technical University
NAJAFOV Gachay	Azerbaijan Technical University
AZIZOVA Lala	Azerbaijan Technical University
AKBAROVA Samira	Azerbaijan University of Architecture and Construction (AUAC)
MAMMADOV Nurmammad	Azerbaijan University of Architecture and Construction (AUAC)
ALIYEV Farhad	Azerbaijan University of Architecture and Construction (AUAC)
HUSEYNOV Turgay	Sumqayit State University

## 3. List of trainers

Full Name	Institution
Jean-Sébastien VILLEFORT	Construction - CNAM
Christophe MARVILLET	Energy - CNAM
Brice TREMEAC	Energy - CNAM
Issa JAFFAL	Construction - CNAM
Stéphane LEFEBVRE	Electrical systems - CNAM
Gilles Rostaing	Electrical systems - CNAM
Mickael PETIT	Electrical systems - CNAM

## PROGRAM

<b>Monday 7th November 2016</b>			
Time	Place of meeting / Training room	Training content	Speaker/Trainer
10:00-11:00	<b>16.0.24,</b> Cnam, 292, rue St. Martin	<ul style="list-style-type: none"> <li>▪ Welcome of the participants</li> <li>▪ Presentation of the trainers/teachers</li> <li>▪ Presentation of the objectives of the training</li> <li>▪ Presentation of the Cnam training offering the field of energy performance of buildings</li> </ul>	Jean-Sébastien VILLEFORT
11:00-12:00	<b>16.0.24,</b> Cnam, 292, rue St. Martin	<ul style="list-style-type: none"> <li>▪ Welcome remarks by the Director of European and International Development</li> <li>▪ Presentation of Cnam</li> </ul>	Sébastien LEONCEL  Dijana Mirvic-Piednoir
<b>12:00-14:00</b>	<b>Restaurant "Chez Jenny"</b>	<b>Lunch "Chez Jenny" offered by the CNAM</b>	<b>All participants</b>
14:00-16:30	<b>16.0.24,</b> Cnam, 292, rue St. Martin	Energy systems for green buildings <ul style="list-style-type: none"> <li>▪ What the students need to know</li> <li>▪ Careers opportunities</li> <li>▪ New curriculum</li> <li>▪ Strategic action plan</li> </ul>	Christophe MARVILLET

<b>Tuesday 8th November 2016</b>			
Time	Place	Training content	Speaker/Trainer
10:00-12:00	<b>16.0.24,</b> Cnam, 292, rue St. Martin	<ul style="list-style-type: none"> <li>▪ Strategic action plan</li> </ul>	Jean-Sébastien VILLEFORT Dijana Mirvic-Piednoir
<b>12:00-14:00</b>		<b>Lunch, suggested restaurants around the campus will be provided</b>	All participants
14:00-16:30	<b>16.0.24,</b> Cnam, 292, rue St. Martin	<ul style="list-style-type: none"> <li>▪ Visit of Cnam Museum</li> </ul>	Dijana Mirvic-Piednoir

<b>Wednesday 9th November 2016</b>			
Time	Place	Training content	Speaker/Trainer
10:00-12:00	<b>16.0.24,</b> Cnam, 292, rue St. Martin	Electrical systems for green buildings <ul style="list-style-type: none"> <li>▪ What the students need to know</li> <li>▪ Careers opportunities</li> <li>▪ New curriculum</li> <li>▪ Strategic action plan</li> </ul>	Stéphane LEFEBVRE

12:00-14:00		<b>Lunch, suggested restaurants around the campus will be provided</b>	All participants
14:00-17h00	<b>16.0.24,</b> Cnam, 292, rue St. Martin	<ul style="list-style-type: none"> <li>▪ Emulation of photovoltaic panel</li> </ul>	Gilles ROSTAING

### Thursday 10th November 2016

Time	Place	Training content	Speaker/Trainer
09:00-12:00	<b>16.0.24,</b> Cnam, 292, rue St. Martin	<ul style="list-style-type: none"> <li>▪ Calculations of protection in an electrical distribution</li> </ul>	Stéphane LEFEBVRE / Mickael PETIT / Gilles ROSTAING
12:00-14:00		<b>Lunch, suggested restaurants around the campus will be provided</b>	All participants
14:00-17:00	<b>16.0.24,</b> Cnam, 292, rue St. Martin	<ul style="list-style-type: none"> <li>▪ Coupling a generator to the distribution grid</li> </ul>	Mickael PETIT

### Monday 14th November 2016

Time	Place	Training content	Speaker/Trainer
09:00-12:00	<b>16.0.24,</b> Cnam, 292, rue St. Martin	<ul style="list-style-type: none"> <li>▪ software for energy performance of the building</li> </ul>	Issa JAFFAL
12:00-14:00		<b>Lunch, suggested restaurants around the campus will be provided</b>	All participants
14:00-17:00	<b>16.0.24,</b> Cnam, 292, rue St. Martin	<ul style="list-style-type: none"> <li>▪ software for energy performance of the building</li> </ul>	Issa JAFFAL

### Tuesday 15th November 2016

Time	Place	Training content	Speaker/Trainer
09:00-12:00	<b>16.0.24,</b> Cnam, 292, rue St. Martin	<ul style="list-style-type: none"> <li>▪ software for energy performance of the building</li> </ul>	Brice TREMEAC
12:00-14:00		<b>Lunch, suggested restaurants around the campus will be provided</b>	All participants
14:00-17h00	<b>16.0.24,</b> Cnam, 292, rue St. Martin	<ul style="list-style-type: none"> <li>▪ software for energy performance of the building</li> </ul>	Christophe MARVILLET

<b>Wednesday 16th November 2016</b>			
<b>Time</b>	<b>Place</b>	<b>Training content</b>	<b>Speaker/Trainer</b>
09:00-12:00	<b>16.0.24,</b> Cnam, 292, rue St. Martin	<ul style="list-style-type: none"> <li>▪ software for energy performance of the building</li> </ul>	Issa JAFFAL
12:00-14:00		<b>Lunch, suggested restaurants around the campus will be provided</b>	All participants
14:00-17:00	<b>16.0.24,</b> Cnam, 292, rue St. Martin	<ul style="list-style-type: none"> <li>▪ software for energy performance of the building</li> </ul>	Issa JAFFAL

<b>Thursday 17th November 2016</b>			
<b>Time</b>	<b>Place</b>	<b>Training content</b>	<b>Speaker/Trainer</b>
10:00-12:00	<b>16.0.24,</b> Cnam, 292, rue St. Martin	<ul style="list-style-type: none"> <li>▪ software for energy performance of the building</li> </ul>	Issa JAFFAL
12:00-14:00		<b>Lunch, suggested restaurants around the campus will be provided</b>	All participants
14:00-17:00	<b>16.0.24,</b> Cnam, 292, rue St. Martin	<ul style="list-style-type: none"> <li>▪ software for energy performance of the building</li> </ul>	Issa JAFFAL

<b>Friday 18th November 2016</b>			
<b>Time</b>	<b>Place</b>	<b>Training content</b>	<b>Speaker/Trainer</b>
09:00-12:00	<b>16.0.24,</b> Cnam, 292, rue St. Martin	Sustainable construction <ul style="list-style-type: none"> <li>▪ Careers opportunities</li> <li>▪ Strategic action plan</li> <li>▪ Official report of validation of new curriculum</li> </ul>	Jean-Sébastien VILLEFORT
12:00-14:00		<b>Lunch, suggested restaurants around the campus will be provided</b>	All participants
14:00-17:00	<b>16.0.24,</b> Cnam, 292, rue St. Martin	Conclusion <ul style="list-style-type: none"> <li>▪ What the students need to know</li> <li>▪ Final program of the course</li> <li>▪ Summary of the results</li> </ul>	Jean-Sébastien VILLEFORT Dijana MIRVIC-PIEDNOIR