

# EiiF Newsletter

## We Power Sustainability



January 2015

### **2014 - a successful year for the EiiF**

14 new members and more than 100 TIPCHECK engineers!

### **EiiF Latest Events**

- International Energy Agency's workshop on energy efficiency in SMEs
- Sector Forum "Energy Management"
- 1<sup>st</sup> Executive Committee Meeting

### **EiiF TIPCHECK Programme**

- 11<sup>th</sup> & 12<sup>th</sup> TIPCHECK trainings
- Register to participate in the next TIPCHECK training courses

### **Agenda 2015**

Check out our upcoming trainings & events

### **EiiF Welcomes 2 New Members**

Schwartmanns & Aquitaine Isol joined the EiiF

## 2014 - a successful year for the EiiF

### 14 new members and more than 100 TIPCHECK engineers!

2014 has been a key year in terms of achievements which have contributed to a successful development of the Foundation. The EiiF has notably increased its [activities](#) throughout Europe, building awareness on the multiple benefits of industrial insulation, especially when it comes to meeting targets on energy efficiency, energy savings and emission reductions within the European Union.



A total of 14 new [members](#) joined the EiiF in 2014.

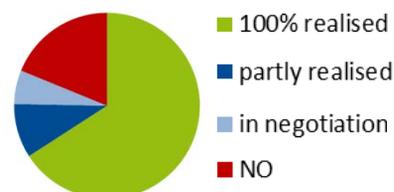
As a result, the EiiF has grown up to 57 members and more than 40 CEOs and senior managers attended the last General Assembly in Brussels in September.

Furthermore, after 12 trainings, currently offered in 3 different languages (English, French and German), we have now more than 100 certified [TIPCHECK engineers](#) helping Industry to reduce energy losses, CO<sub>2</sub> emissions and production costs.

In fact, the first evaluation of 85 TIPCHECKs carried out until 2014 has identified energy savings of 200,000 – 400,000 MWh per year and up to 7 million euros savings. The 85 insulation audits were carried out in Europe across several energy intensive industrial sectors (i.e. chemical plants, refineries, processing plants, food and beverage, etc.). The EiiF aims to publish this year its first official TIPCHECK report which will gather all detailed information and conclusions drawn from at least 100 TIPCHECKs.

But the first evaluation already gives a positive perspective with the following findings:

- ✓ **75% of the TIPCHECKs** lead to insulation investments – in total more than **5 million EUR**,
- ✓ **140,000 EUR** was the **average investment** in insulation to tap the TIPCHECK identified energy savings potentials,
- ✓ The usual **payback periods** for these investments in insulation were **1 to 2 years**.



| Case study:            |         | 1              | 2        |
|------------------------|---------|----------------|----------|
| Type:                  |         | Chemical plant | Refinery |
| Country                |         | NL             | IT       |
| TIPCHECK costs:        | (EUR)   | 3,600          | 3,900    |
| Insulation investment: | (EUR)   | 66,700         | 430,000  |
| Insulation savings:    | (EUR/a) | 112,000        | 344,000  |
| Payback period:        | (a)     | 0.6            | 1.25     |

In other words, industry can realize important energy and financial savings putting more attention to improved insulation maintenance. Yet, in the industrial sector such a potential is usually being untapped despite being cost-effective to implement. Unfortunately, industry still treats industrial insulation more like a necessary evil rather than one of the most cost-attractive Best Available Techniques (BAT). And besides all these positive aspects, this first TIPCHECK evaluation also shows that about 25% of the insulation users whose plants were TIPCHECKed refused any improvement, still accepting unnecessary energy losses and production costs.

Therefore, it is a crucial task for the EiIF to continuously highlight the energy and cost savings potential of sustainable insulation solutions with decision makers from the economic and political field. The Foundation and our supporting members are looking forward to continue and further increase this engagement in 2015.

*“With this perspective in mind we want to send a big thank-you to all our members and active TIPCHECK engineers for their commitment and contribution to the successful development of the EiIF Foundation! Together with you, We Power Sustainability.”*



## EiiF Latest Events

- **IEA's workshop on energy efficiency in SME**

| **Paris – 27 November 2014** | The International Energy Agency (IEA) organized a workshop on how to accelerate energy efficiency in small and medium-sized enterprises (SME) at the end of 2014. Worldwide experts and multiple stakeholders met in Paris in order to share experience and expertise, and to discuss key aspects of the forthcoming IEA's publication *Policy Pathway: Accelerating energy efficiency in Small and Medium-sized Enterprises in the Industrial Sector*.



The [IEA's Policy Pathway series](#) aims at helping countries implement effective policies to improve energy efficiency and is based on direct experience, research, expert workshops and best-practice case studies. The series broadly describes the main steps and milestones for policy development and implementation.

The EiiF attended the meeting and contributed to the development of the draft document. Once published, this Policy Pathway will present key challenges and solutions to improve energy efficiency programmes so that they can be successfully applied and accelerate the energy efficiency within the SME.

- **Sector Forum “Energy Management”**

| **Brussels – 3 December 2014** | The [Sector Forum “Energy Management”](#) (SFEM) held its last regular meeting of 2014 in December. The SFEM is a platform where representatives of the national standardization bodies and other stakeholders develop a common general strategy for the improvement of energy efficiency standardization. The EiiF joined this forum in 2013 and seeks to contribute expertise and know-how in the industrial (insulation) field.

Therefore, the EiiF did a presentation about the TIPCHECK programme as an audit tool focusing on the thermal performance of technical insulation systems and as a qualification programme to train engineers. The Foundation Director also displayed the TIPCHECK Principles and Guidelines, in line with EN and ISO standards such as EN 16247-1, EN 16247-3, prEN 16247-5, ISO 50001:2011 and ISO/FDIS 50002:2014.

As a result of the presentation, the SFEM group developed the idea to write a guidance document for the industrial sector to promote TIPCHECK as a highly effective energy auditing tool to increase competitiveness and decrease energy consumption in industry. The EiiF will continue with its SFEM engagement in 2015 and will support this idea with full power.

- The new Executive Committee held its first meeting

**| Paris – 5 December 2014 |** As announced in September 2014, the General Assembly approved a new [organisational chart](#) to provide the EiiF with a powerful structure to perform its increasing activities in the best way. Thus, the new Executive Committee members met in Paris on 5 December 2014. One of the main decisions was to launch an activation programme aimed at mobilising the more than 100 TIPCHECK engineers: If each engineer carries out at least 2-3 TIPCHECKs per year, at the end of 2015 about 200-300 TIPCHECKs will have been executed. As a consequence, we will not only collect a very valuable source of saving energy evidence and references for the promotion of industrial insulation as a BAT but also establish TIPCHECK in European industry as a well known brand for standardized high-quality thermal energy audits.

The Executive Committee is formed by:

**President** of the Foundation



**Peter Hoedemaker**  
KAEFER Isoliertechnik  
GmbH & Co.KG

**Vice-President** of the Foundation



**Michele Mannucci**  
Termisol Termica Srl

**Chairman** of the Membership Board



**Frank Baur**  
L'ISOLANTE K-FLEX

**Vice-Chairman** of the Membership Board



**Bernard Vercaemst**  
Ipcom NV

**Treasurer** of the Foundation



**Rafael Rodríguez**  
Rockwool Technical Insulation

**Foundation Director**



**Andreas Gürtler**  
EiiF

## EiIF TIPCHECK Programme

### TIPCHECK trainings

After the successful 10<sup>th</sup> **TIPCHECK** training in Munich at the end of August, the EiIF organized two more courses before closing 2014. In all, the Foundation carried out four TIPCHECK training courses in 2014: two in English, one in German and its first TIPCHECK training in French, which took place in Paris last December.

#### 11<sup>th</sup> TIPCHECK training – November 2014, Munich (Germany)



- Giorgio Cavallaro, *Insul Tecno Group*
- Rudi Diepvens, *Pittsburgh Corning*
- Leonardo Zaccaria, *Termisol Termica*
- James Lowery, *KAEFER C&D Limited*
- Jørgen Vestre, *KAEFER ENERGY*
- Marcos Calle González, *KAEFER IS*

#### 12<sup>th</sup> TIPCHECK training – December 2014, Paris (France)



- Emmanuel Garrec, *KAEFER WANNER*
- Daniel Briard, *Ouvaroff*
- Philippe Rossi, *ELIT*
- Alexis Bouchet, *KAEFER WANNER*
- Alexandre Beugnet, *KAEFER WANNER*
- Kevin Quinn, *Erimus Technical*
- Christophe Brassart, *KAEFER WANNER*
- Cédric Pilat, *KAEFER WANNER*
- Nicolas Chrisostome, *KAEFER WANNER*
- Yves Boons, *Saint-Gobain Isover*
- Michel Giacomoni, *Aquitaine Isol Entreprise*



**Lists of all the certified TIPCHECK engineers:**

[www.eiif.org](http://www.eiif.org) >> [TIPCHECK](#) >> [Certified engineers](#)

**Not a **TIPCHECK engineer** yet?** Join us in Munich (Germany) on 20-24 April (course in German) or on 1-5 June (course in English) to learn how to perform standardized high quality thermal energy audits and to get your TIPCHECK engineer certification.

The course consists of one-week training with both theoretical and practical lessons, including a training session in the FIW München research laboratories.

Check if you meet the [requirements](#) for becoming a TIPCHECK engineer and [register](#) now!

## Agenda 2015

Check out our upcoming trainings & events

| Date & Location                           | Event   |
|---|---|
| 20-24 April<br>Munich, Germany            | TIPCHECK Training Course (in German) @ FIW München  |
| 1-5 June<br>Munich, Germany               | TIPCHECK Training Course (in English) @ FIW München |
| End of February<br>Location to be defined | Senior TIPCHECK refresher training                  |



Upcoming events on the agenda: [www.eiif.org](http://www.eiif.org) >> [Show Agenda](#)

## EiiF Welcomes 2 New Members

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### Schwartmanns Isoliermaschinen

Schwartmanns Isoliermaschinen is headquartered in Germany. The company, established 50 years ago, works on the development, construction, manufacturing and selling of sheet metal working machinery.

[www.schwartmanns.com](http://www.schwartmanns.com)

**Schwartmanns**  
ISOLIERMASCHINEN



### Aquitaine Isol Entreprise

The French company Aquitaine Isol Entreprise was founded in 1969. It offers a wide range of services in France and also overseas such as thermal insulation, acoustic insulation or scaffolding, among others.

[www.aquitaine-isol.com](http://www.aquitaine-isol.com)

**AQUITAINE**  
**ISOL**



Discover the benefits and join the EiiF: [www.eiif.org](http://www.eiif.org) >> [Membership](#)

The EiiF newsletter is primarily circulated to EiiF Partners & Members.

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