



**The Voice of the European Ventilation Industry**  
Founded in 2010

**[www.evia.eu](http://www.evia.eu)**

## Background (1/2)

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- The European Ventilation Industry made up of SMEs
- Traditionally national champions with some exports
- Promise of the EU: the Single Market
- But: the free movement of goods is not our experience!
- Diffuse feeling: something is going on in Brussels
- Current indirect structures are insufficient for European companies
- Why should we be active in Brussels like big multinationals?

## Background (2/2)

- Our wish: „do no harm“ (a sort of hypocratic oath for regulation)
- Risks for manufacturers:
  - Sole focus on energy use without consideration for the value
  - Different levels of discrimination:
    - Product bans (light bulbs)
    - Selective recognition performance points
    - Subsidies
  - Negative incentives of regulation without enforcement
  - Regulation that does not make sense leads to products that do not make sense
  - Certification cost (DIBt, PHI, NF, BRE)
  - Diversion of time and attention from customers and markets
  - Worry about quality and the customer experience

## Critical decisions are taken at EU level

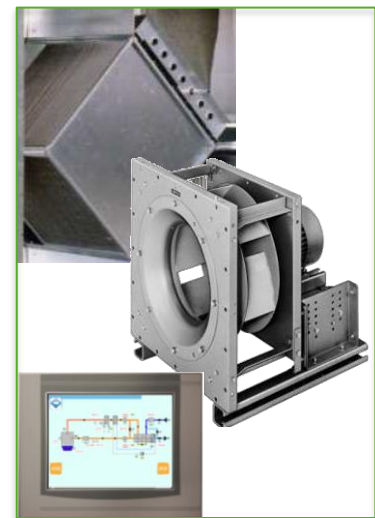
EVIA is the unified voice of the European Ventilation Industry in Brussels. We are entrepreneurial and technical rather than political.  
„Do no harm“, regulation that makes sense, honest information



Commercial Ventilation



Residential Ventilaton



Fans

## Why a new European Association?

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- Increasing regulatory pressures on manufacturers and consultants on Ventilation and Building Technologies
- Increasing challenges on manufacturers with critical impact on the design of Energy related Ventilation-Products

**A permanent and professional presence on the  
Brussels scene is indispensable**

## EVIA mission

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- Communicate and defend the views of our industry
- with European stakeholders
- with decision-makers
- with technical advisors of the EC Commissions

**EVIA wants to be fully involved in the product energy-efficiency debate**

**EVIA brings to Brussels solid expertise and inherent knowledge from the Ventilation Industry**

# What has changed in Europe?

## The Eu Parliament and the Council will fulfill Kyoto 2020

- Implement a future for sustainable renewable energy (+20% by 2020)\*
- Reduce the Primary Energy Consumption (-20% by 2020)\*
- Reduce the CO2 Emission (-20% by 2020)\*
- Higher goals for 2050

\*Quantity vary from one Member State to the other

## Why?

- Buildings are responsible for
- 40% of the European Primary Energy consumption
- 35% of the CO2 emission
- Space heating, Ventilation and domestic hot water are liable for the same amount of GHG emission as the whole transport sector...

## Energy Security!

## 3 Directives are legislation for the 27 Member States

- **RES Directive** on the Promotion of the use from Renewable Sources
- **EPB Directive** on the Energy Performance of Building
- **ErP Directive** to establish ECODESIGN requirements for Energy related Products
- **EE Directive** for pushing the implementation of policy targets through legislation because CO<sub>2</sub> not on target

The 27 MS will promote these Directives with fiscal and financial incentive programs

The EU Parliament claims this undertaking will boost economy and job employment



# EVIA current focus on Ecodesign

## Directive established ErP Ecodesign

ErP Ecodesign dictates manufacturer's responsibility for:

- CE Marking
- Energy-Label

Ecodesign eliminates disparities in the classification of performance between Energy related Products belonging to the same family, regardless of technology and energy source.

EVIA will support sustainable solutions bridging Energy Efficiency with Health and Comfort

## The objectives of EVIA

- Be the meeting point of the Ventilation Industry
- Be the political platform for manufacturers, consultants, architects, installer when it comes to Ventilation
- Be the technical advisor of the Commission for Ecodesign ENTR Lot 6 and ENER Lot 10 (others to come)
- Be the Promotor of best practice in design, installation and maintenance of Ventilation Systems
- Be the Promotor of professional training and certification throughout Europe for Ventilation Systems
- Be the Promotor of high indoor air quality and energy recovery
- Assure that legislation will secure quality of ventilation products including their installation

# EVIA Organisation: Members and Steering Committee

Members represented in the General Assembly (strategy):  
35 companies with 5bn EUR in turnover and 25'000 employees

The Steering Committee directing the short to medium term:

- Stefan Wiesendanger (Chair)
- Dr. Jürgen Röben (Vice-chair)
- Johan van Renselaar (Treasurer)
- Axel Diepolder
- Kelly Buttler (BEAMA, UK)
- Michel Roffé-Vidal
- Joan Miró

# EVIA Organisation: Committees and Secretariat

## 4 Professional Working-Committees with their Chars:

- Commercial Ventilation: Dr Christoph Kaup
- Residential Ventilation: Rick Bruins
- Fans: Geoff Lockwood
- Ventilation Agenda 2020: Marc Jardinier

## Secretariat

Secretary General  
Location:

Russell Patten  
EVIA Secretariat c/o Grayling  
Avenue des Arts 46  
1000 Brussels, Belgium  
Tel. +32 2 732 70 40  
[secretariat@evia.eu](mailto:secretariat@evia.eu)

Technical Secretary General (Claus Haendel, Fachinstitut  
Gebäude-Klima FGK)

# EVIA current product portfolio

## Residential

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- Balanced ventilation with heat-recovery (single- and multiple dwelling, apartment, blocks, single room)
- Demand controlled exhaust ventilation (single- and multiple dwelling, apartment, blocks, single room)
- Multifunctional Ventilation with Heat-Recovery, Heat-Pump for heating and cooling, domestic hot water, fossil and electric driven)

# EVIA current product portfolio

## Non-Residential

- Air Handling Units for Indoor and Outdoor Applications up to 100.000 m<sup>3</sup>/h  
(factory assembled or built-on site, customized, semi-customized or mass production)
  - with or without integrated heat pump
  - with or without filters, air dampers, heating and cooling
  - with or without control system
  - with or without heat recovery
- Air Handling Terminals (VAV, mixing boxes, fan coils)
- Decentralized Air Handling Terminals
- Single Room Ventilation (school ventilation, etc)

# EVIA current product port-folio

## Components



- Fans
- Heat Recovery
- Air Terminals (grilles, diffusors)
- Air Distribution
- Controls

# Hot Topics

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## „Fans“ Guidance Document

### What does „Standard“ mean?

- Example of EN 13141-7
- Referenced by multiple standards
- Measured in different ways and not mutually recognized

Workshop in May in Brussels to address this issue

### Agenda

Common workshop with AIVC/INIVE next week on the quality of ventilation systems





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