

Christian Leroy (leroy@metalsustainability.eu)
Senior consultant in Sustainability & Innovation

Born 26-03-1968, Belgian, Married, 2 children, Mobile: +32 478 45 90 16

Since Jan 2014 : Manager and founder of “Metals Sustainability Consulting” SPRL



Four main working areas in 2017



1) LCA & Sustainability (since 2014)

Building sector:

- Coordinate product-related sustainability and LCA activities and projects through the Building market group of European Aluminium.
- Develop the [Environmental Product Declarations \(EPD\) Programme](#) of European Aluminium including its update according to EN15804
- Coordinate the development of the EPD-data software for members in accordance to the Product Category Rules (PCR)

Life Cycle Assessment:

- Organise environmental surveys among member companies and coordinating the development of the LCI datasets and environmental profile report for the European Aluminium industry
- Monitor and contribute to EU product environmental policies, e.g. Product Environmental Footprint (PEF) or Methodology for the Eco-design of Energy-related Products (MEErP)

Packaging sector

- Monitoring and advocating in PEF initiative for the end of life recycling LCA methodology and for the use of appropriate datasets and parameters for aluminium packaging.

2) Innovation (since 2015)

- Development and management of the [Innovation Hub](#) facilitating the connection between the European Aluminium Industry and the EU innovation agenda and funding opportunities



3) Manager and co-founder of the METALS FOR BUILDINGS alliance (since 2011)

Coordination and management of the alliance on a daily basis

Development of communication tools (e.g. website) and position papers

Coordination of the metal contribution within various stakeholder groups:

- Active contribution in CEN TC 350 “Sustainability of construction works through an intense participation in WG3 (products) and WG1 (Building) and a monitoring of the TG framework and WG5 (Social).
- Active participation in “Construction Products Europe” (CPE) activities, especially through the sustainability WG



Metal
Packaging
Europe

4) Technical support in the frame of the PEF initiative (since 2016)

Monitoring and supporting the metal packaging advocacy in the context of the Product Environmental Footprint (PEF) initiative.

Main past activities as consultant

2014 -2016	Technical support to Eurometaux for the PEF pilot project on metal sheet
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Main past activities as employee

1999-2013	Manager at European Aluminium
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2007-2013	<p>Manager Sustainability & LCA – Building & Transport</p> <ul style="list-style-type: none"> - Coordinating product-related sustainability and LCA activities through the <u>EAA Automotive and Transport sustainability WG</u> and via the <u>EAA Building sustainability WG</u> - Coordinating <u>Life cycle assessment (LCA) datasets development for the European Aluminium Industry</u>
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2003-2007	<p>Manager Education, Technology and Life Cycle Assessment (LCA)</p> <ul style="list-style-type: none"> - Development of “Vision 2030” (2005) defining the long term objectives of the European aluminium industry and the collaborative RTD priorities. - Development of the European Aluminium Technology Platform (EATP, 2004-2006) aiming at communicating long term sustainability challenges and at coordinating pre-competitive RTD activities of the European aluminium industry, - Coordination EATP working groups addressing various R&D needs along the aluminium value chain
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1999-2002	<p>Educational officer</p> <ul style="list-style-type: none"> - Development of the multi-lingual web-based e-learning platform “aluMATTER” on aluminium science & technologies containing more than 1000 pages and 700 interactive animations. (about 1500 visitors/day)
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Previous work and education

- 1999 -2006: **Invited Lecturer**, “Corrosion and protection of metals”, UCL, www.uclouvain.be, Belgium
- 1997 -1998: **Postdoc researcher** in composite electroplating, dept of Metallurgy and Material Engineering, KULeuven
- 1991 -1996: **Ph.D.** in Applied Science, Dept of process engineering, UCL, www.uclouvain.be, Belgium
- 1986 -1991: **Engineer in Chemistry (MSc)**, orientation: process engineering, UCL, Belgium