

# Book of Abstracts

11<sup>th</sup> International Conference on  
Life Cycle Assessment of Food 2018 (LCA Food)

in conjunction with

6<sup>th</sup> LCA AgriFood Asia

and 7<sup>th</sup> International Conference on  
Green and Sustainable Innovation (ICGSI)

*“Global food challenges  
towards sustainable  
consumption and production”*

16 – 20 October 2018

Organized by

Bangkok, Thailand



The 11<sup>th</sup> International Conference on Life Cycle Assessment of Food 2018

in conjunction with

The 6<sup>th</sup> LCA Agri-Food Asia 2018

and

The 7<sup>th</sup> International Conference on Green and Sustainable Innovation 2018

Organized by

Centre of Excellence on enVironmental strategy for GREEN business (VGREEN), Faculty of

Environment, Kasetsart University (KU)

The Joint Graduate school of Energy and Environment (JGSEE),

King Mongkut's University of Technology Thonburi (KMUTT)

and National Science and Technology Development Agency (NSTDA),

Ministry of Science and Technology

## **AGRIBALYSE<sup>®</sup>: strengths and challenges of a national LCI database initiative**

Vincent Colomb<sup>1\*</sup>, Hayo MG van der Werf<sup>2</sup>, Angel Avadí<sup>3</sup>, Gérard Gaillard<sup>4</sup>, Armelle Gac<sup>5</sup>,  
Gildas Mevel<sup>6</sup>, Valérie To<sup>7</sup>, Llorenç Milà i Canals<sup>8</sup>, Peter Koch<sup>9</sup>, Jérôme Mousset<sup>1</sup>

<sup>1</sup> ADEME, French Environmental Agency, Angers, France;

<sup>2</sup> INRA, Rennes, France

<sup>3</sup> CIRAD, Montpellier, France;

<sup>4</sup> Agroscope, Zurich, Switzerland;

<sup>5</sup> IDELE, Livestock institute, Le Rheu, France;

<sup>6</sup> InVivo Agrosolutions, Paris, France

<sup>7</sup> Ministry in charge of Ecology, Paris, France;

<sup>8</sup> UN Environment, Paris, France;

<sup>9</sup> Koch Consulting, Zurich, Switzerland

---

### **Abstract**

Agriculture and food LCI databases have developed rapidly in recent years. In this context, this article provides an update on the French AGRIBALYSE database and program, which has been running for almost 10 years. The authors have been the key contributors in this original initiative and share their learnings and views on the challenges ahead, both on the development of datasets but also on the promotion of Life Cycle Thinking in the French food sector. These highlights should be useful for all database developers, for users interested in good quality and harmonized data, and more broadly for promoters of eco-design and a more sustainable food sector.

**Keywords:** LCI database, ecodesign, national project, France, partnership, participative approach

---

\*Corresponding author. Tel.: +33 2 41 20 41 52

E-mail address: [vincent.colomb@ademe.fr](mailto:vincent.colomb@ademe.fr)