

CONCLUSION: LCA NEEDS UPGRADING

Recognition
and acceptance of
value judgment

A major democratic opportunity

Use of
MCDA softwares

A need for implementation

Data availability

A need for making it accessible and
machine readable.
Data quality is a consequence of the opening to
revision of data.



LCA.1.1

Approach:
By goal and
methodology

- Jugement integration
- ISO/IEC 14040-4:2006/NP Amd 1
- Need for only one database, one set of rules, one standard, but acknowledge need for multiple and inconsistent judgements.^[8]

LCA = MCDA

New development direction:
Psychology integration, the building of jugment
Piaget ; Kohlberg ; Gilligan

LCA.2.0

LCA.3.0

Approach:
For operationalisation of
a corrected methodology

Judgement and suitable MCDA will be
integrated. LCA may evolves toward
interactive and open communities (2.0)
To overcome the mass of data, the content
is produced in machine readable format (3.0)
→ *Agent Based Modelling.*

Developement need: Scientific comunities shall massively open and connect
themselves, and develop open semantic web solutions for knowledge production.

Technical solutions about semantic web, MCDA and jugement are already
available and developing, but separatly. So the only real problem remaining is the
way scientific communities produce and share knowledge. It is the political
orientations toward open data and knowledge availability.