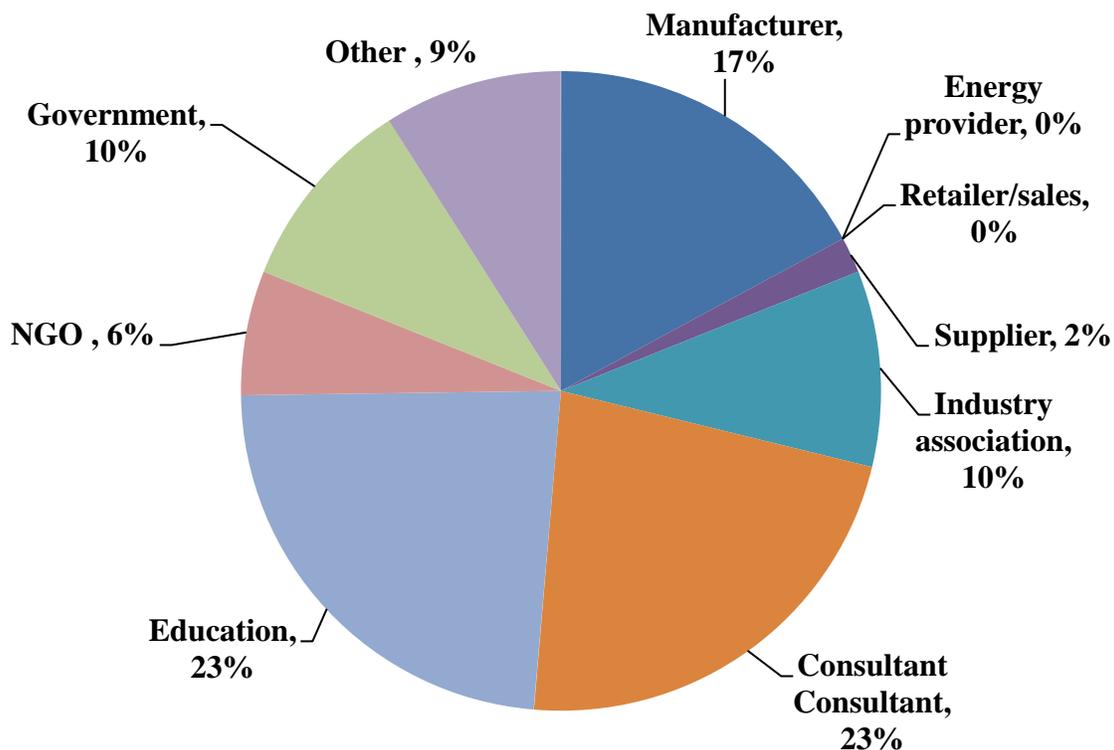


**U.S. Life Cycle Inventory Database Stakeholder’s Meeting  
18 February, 2009, Washington, D.C.  
Questionnaire Results**

The Department of Energy hosted a meeting of stakeholders seeking input on the U.S. Life Cycle Inventory Database. The purpose of the meeting was to assemble a diverse group of LCA supporters to share experiences and gather feedback to help guide the development of the U.S. Life Cycle Inventory Database Roadmap. This document will present a vision for LCI data in the U.S., define the needs of users, define short-term (2-3 year) goals, define long-term goals, and layout paths to achieve these goals.

In preparation for this meeting, NREL developed a questionnaire to collect input from a wider audience of interested parties. There were 101 responses to the questionnaire prior to the meeting. This document presents a summary of those responses. The questionnaire is included after the summary.

**Questionnaire Responses**



**Figure 1 Employer Organization (question #1)**

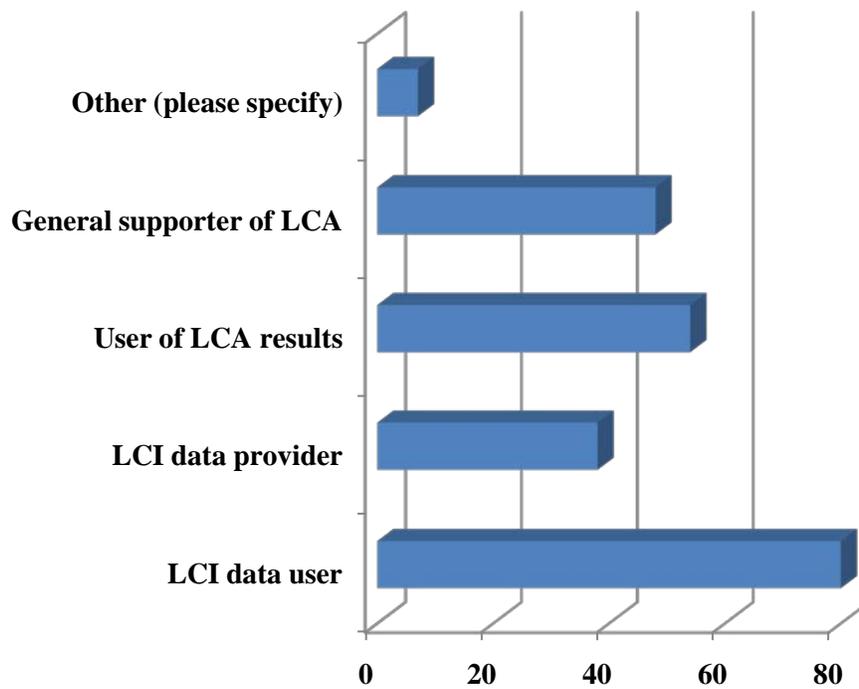


Figure 2 How the database is used and how often (questions #3, 4, and 6)

	1	2	3	4	5	Response
						Count
Compatible with international databases	5.1% (5)	11.2% (11)	18.4% (18)	22.4% (22)	<b>42.9%</b> <b>(42)</b>	98
Quality/verification assurance	4.0% (4)	9.0% (9)	10.0% (10)	27.0% (27)	<b>50.0%</b> <b>(50)</b>	100
Freely available	10.0% (10)	11.0% (11)	17.0% (17)	27.0% (27)	<b>35.0%</b> <b>(35)</b>	100
Central, public data source	11.1% (11)	9.1% (9)	14.1% (14)	<b>39.4%</b> <b>(39)</b>	26.3% (26)	99
Completeness of database	7.1% (7)	13.3% (13)	17.3% (17)	<b>31.6%</b> <b>(31)</b>	30.6% (30)	98
Unit process transparency	11.1% (11)	6.1% (6)	13.1% (13)	27.3% (27)	<b>42.4%</b> <b>(42)</b>	99
Inclusion of rolled up data sets	6.3% (6)	12.6% (12)	<b>40.0%</b> <b>(38)</b>	28.4% (27)	12.6% (12)	95

Figure 3 Ranking of features of the U.S. LCI Database (question #8)

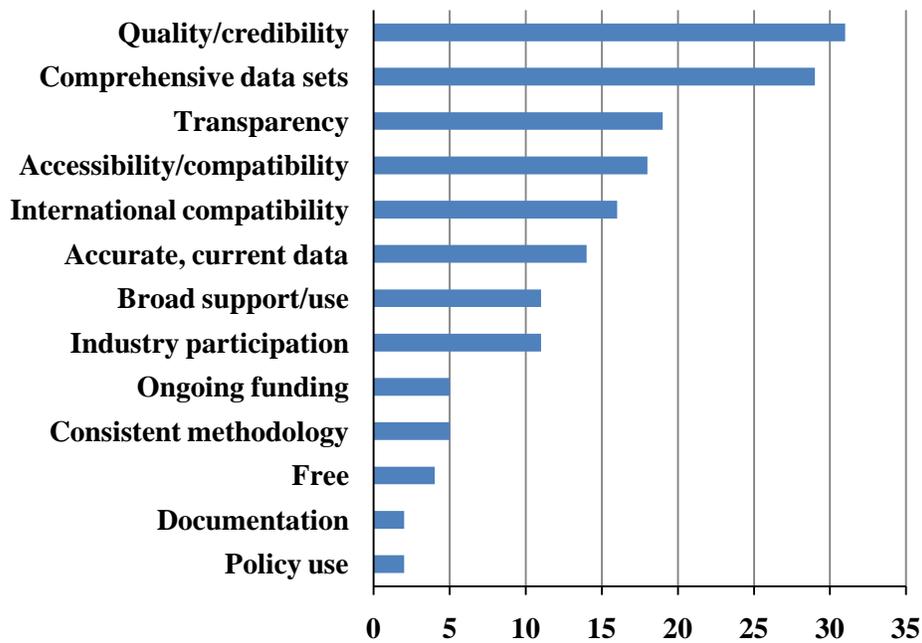


Figure 4 Strengths of the U.S. LCI Database (question #9)

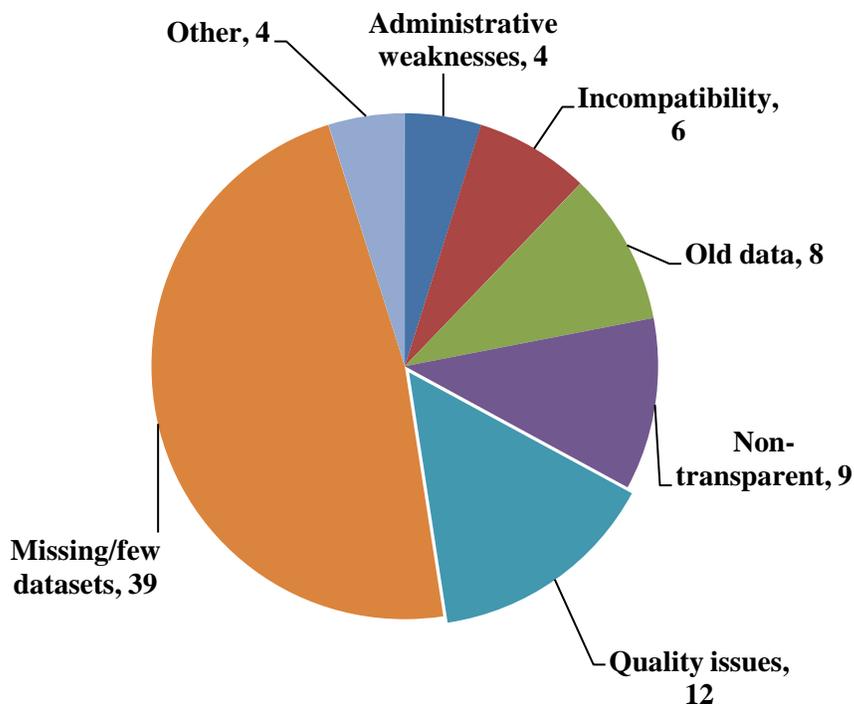
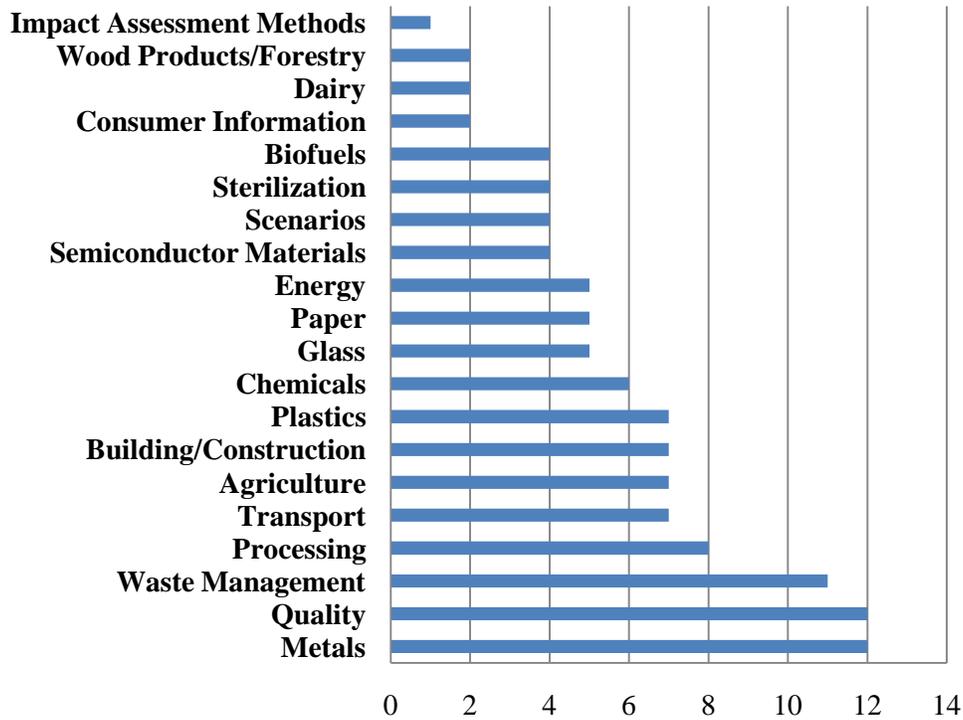


Figure 5 Weaknesses of the U.S. LCI Database (question #10)



**Figure 6** What users would like to see added to the database (question #7)



**Figure 7** Key success factors of the U.S. LCI Database (question #11)

## Questionnaire

The following questionnaire questions were made available on the internet to gather input from interested parties concerning the U.S. LCI Database.

1. Please select the best description of your organization? Select one:
  - Manufacturer
  - Retailer/sales
  - Supplier
  - Energy provider
  - Industry association
  - Consultant
  - Education
  - Non governmental organization
  - Government
  - Other: \_\_\_\_\_
2. What best describes your field of work? Select all that apply:
  - Energy
  - Buildings
  - Transportation
  - Other: \_\_\_\_\_
3. How do you use the LCI database? Select all that apply:
  - LCI data user
  - LCI data provider
  - User of LCA results
  - General supporter of LCA
  - Other: \_\_\_\_\_
4. Have you or your company used the U.S. LCI Database during the past 12 months?
  - Yes
  - No
5. Have you or your company used any non-DOE/NREL LCI databases during the past 12 months?
  - Yes. I've used: \_\_\_\_\_
  - No
6. Do you or your company plan to conduct LCA activities during the next 12 months?
  - Yes
  - No
7. What data would you like to see added to the U.S. LCI Database?
8. Rank the following features in order of importance, with "1" being the lowest and "5" being the highest.

Compatible with international databases	○1	○2	○3	○4	○5
Quality/verification assurance	○1	○2	○3	○4	○5
Freely available	○1	○2	○3	○4	○5
Central, public data source	○1	○2	○3	○4	○5
Completeness of database	○1	○2	○3	○4	○5
Unit process transparency	○1	○2	○3	○4	○5
Inclusion of rolled up data sets	○1	○2	○3	○4	○5
9. What are the main strengths of the current database?

10. What are the main weaknesses of the current database?
11. What are the success factors (key elements for success) for a national LCI database?
12. What are the main drivers for the need of a national LCI database?
13. Are there other leaders who could help move this project forward? Please provide names and contact information.
14. Please let us know your thoughts about the U.S. LCI database.