



MANITOBA RENEWABLE ENERGY INDUSTRY SURVEY

Training and Workforce Development Needs and Opportunities

[Introduction](#) » [Organizational Profile](#) » [Workforce Profile](#) » [Training](#) » [Supports](#) »
[Research & Development](#) » [Financial Profile](#) » [GHG's](#) » [MEIA's Role](#) » [Done](#)

Introduction

If you have questions please contact survey@meia.mb.ca.

If you want to resume an existing survey [login here](#).

First Name :

Last Name :

Organization :

Indigenous Entity?

Yes No

Telephone :

Email : *

A1) Is your organization/company involved in Renewable Energy-related business and/or activities?

Yes No

MANITOBA RENEWABLE ENERGY INDUSTRY SURVEY

Training and Workforce Development Needs and Opportunities

[Introduction](#) » [Organizational Profile](#) » [Workforce Profile](#) » [Training](#) » [Supports](#) »

[Research & Development](#) » [Financial Profile](#) » [GHG's](#) » [MEIA's Role](#) » [Done](#)

[Back](#)

Organizational Profile

B1) Please indicate which of the following Renewable Energy related services your organization is involved with:

1. Feasibility studies

Yes No Unsure

2. Community interaction, consultation

Yes No Unsure

3. System design, Engineering

Yes No Unsure

4. Proposal development

Yes No Unsure

5. Funding

Yes No Unsure

6. System installation, construction

Yes No Unsure

7. Local training, employment

Yes No Unsure

8. Indigenous Cultural awareness

Yes No Unsure

9. System maintenance

Yes No Unsure

10. Monitoring and Information processing

Yes No Unsure

11. Laboratory analyses and services

Yes No Unsure

12. Accounting

Yes No Unsure

13. Product sales and marketing – retail or wholesale

Yes No Unsure

14. Education

Yes No Unsure

15. Product manufacturing

Yes No Unsure

16. Legal Services

Yes No Unsure

17. Permitting, Codes

Yes No Unsure

18. Strategic Planning (patents, copyrights, NDA's)

Yes No Unsure

B2) Does your organization offer any other Renewable Energy products, processes or services not previously mentioned?

Yes No Unsure

If Yes, please list:

B3) Which Renewable Energy technologies does your company/organization work with or offer? Check all that apply.

1. Solar Thermal (heating)

Design Install Controls, Data Service

2. Solar Electric (photovoltaic)

Design Install Controls, Data Service

3. Geothermal

Design Install Controls, Data Service

4. Biomass

Design Install Controls, Data Service

5. Biofuels

Design Install Controls, Data Service

6. Wind

Design Install Controls, Data Service

7. Energy Efficiency

Design Install Controls, Data Service

8. Co-Generation (Heat & Power)

Design Install Controls, Data Service

9. Hydroelectric

Design Install Controls, Data Service

10. Waste-to-Energy

Design Install Controls, Data Service

MANITOBA RENEWABLE ENERGY INDUSTRY SURVEY

Training and Workforce Development Needs and Opportunities

[Introduction](#) » [Organizational Profile](#) » [Workforce Profile](#) » [Training](#) » [Supports](#) »
[Research & Development](#) » [Financial Profile](#) » [GHG's](#) » [MEIA's Role](#) » [Done](#)

[Back](#)

Workforce Profile

C1) What is the total number of staff persons employed by your organization in Manitoba on a full-time basis?

C2) On average, how many of these staff in Manitoba are employed in Renewable Energy activities on a full-time basis (including office support staff)?

C3) What is the total number of staff persons employed by your organization in Manitoba on a part-time basis?

C4) On average, how many of these part-time staff in Manitoba are employed in Renewable Energy activities?

C5) How many full-time staff persons were working in Renewable Energy or Energy Efficiency activities in your company in Manitoba five years ago?

C6) How many part-time staff persons were working in Renewable Energy or Energy Efficiency activities in your company in Manitoba five years ago?

C7) What percentage of your workforce is:

1. Indigenous:



2. Female:

3. Other Visible Minorities:

Continue

MANITOBA RENEWABLE ENERGY INDUSTRY SURVEY

Training and Workforce Development Needs and Opportunities

[Introduction](#) » [Organizational Profile](#) » [Workforce Profile](#) » [Training](#) » [Supports](#) »

[Research & Development](#) » [Financial Profile](#) » [GHG's](#) » [MEIA's Role](#) » [Done](#)

[Back](#)

Training

D1) Which of the following skills does your organization need to gain/improve upon in the next three years?

Management

- 1. Managerial/Planning/Leadership skills
- 2. Project Feasibility Analysis
- 3. GHG Impact Assessment
- 4. Regulatory Planning and Approvals
- 5. Intellectual Property Management
- 6. Quality Assurance/Control
- 7. Safety/First Aid
- 8. Project management skills
- 9. Communication skills

- 10. Information technology or computer skills
- 11. Marketing and sales skills
- 12. Planning skills
- 13. Engineering/Design
- 14. Financial Management (e.g. EBITDA, ROI, NPV)
- 15. Indigenous communication and engagement
- 16. Cross cultural awareness and HR skills
- 17. Insurance requirement (project, staffing, professional)

TECHNICAL

- 18. Electrical
- 19. Metals/Welding
- 20. Plumbing/Pipe Fitting
- 21. Carpentry
- 22. Mechanical systems
- 23. Controls, Programming
- 24. Heavy equipment operation
- 25. Mapping and surveying

26. Drawing

27. Drone pilot training and certification

28. Other (Specify Below)

D2) Are there any other skills related to your company's Renewable Energy activities not mentioned that your company needs now or may need within the next 3 years?

D3) Has your company ever provided training related to your Renewable Energy activities to employees?

Yes No Unsure

D4) At any time during the past 5 years was there training or education that you or your employees wished to take for job-related or career reasons but could or did not?

Yes No Unsure

D5) Please indicate which forms of training your company/organization has used in the past, and rank them based on their usefulness to your organization; 1 meaning "the best", 7 meaning "the worst":

1. In-person Classroom

Yes No

2. Webinar

Yes No

3. Online class

Yes No

4. On-site mentor

Yes No

5. Online mentor

Yes No

6. Other?

Yes No

MANITOBA RENEWABLE ENERGY INDUSTRY SURVEY

Training and Workforce Development Needs and Opportunities

[Introduction](#) » [Organizational Profile](#) » [Workforce Profile](#) » [Training](#) » [Supports](#) »

[Research & Development](#) » [Financial Profile](#) » [GHG's](#) » [MEIA's Role](#) » [Done](#)

[Back](#)

Supports

E1) Have you accessed any government programs or supports for your Renewable Energy-related business activities in the past 5 years?

Yes No Unsure

E2) Has there been anything that has hampered your organization's efforts to successfully develop or sell a new renewable energy product or service?

Yes No Unsure

E3) The following is a list of potential areas of assistance, supports or services that could be offered to help bring a Renewable Energy product or service to market or help expand your Renewable Energy-related business. Please indicate your interest in each one using the dropdown options of 1 meaning "very interested" and 7 meaning "not interested at all".

1. Assistance in securing financing for facilities, equipment or other business-related expenses

Select

2. Regulation or licensing-related assistance or supports

Select

3. Assistance in developing and/or implementing marketing and sales strategies

Select

4. Assistance with expanding into additional markets

Select

5. Recruitment and hiring-related assistance or supports

Select

6. Training specific to your industry or area of expertise

E4) Some companies in Manitoba have experienced successes or challenges in their Renewable Energy-related business activities. This includes those that have accessed supports or services for expanding into new markets, or companies that have patented new inventions, implemented innovative technologies or companies that have successfully employed local labour and more.

Do you have a Renewable Energy-related story about a success or challenge your company has experienced?

- Yes, we have experienced successes in our Renewable Energy-related business
- Yes, we have experienced challenges in our Renewable Energy-related business
- No, we have not experienced any enviro-related challenges or successes
- Both. We have experienced both enviro-related challenges and successes
- Unsure

E5) MEIA is interested in profiling the successes and challenges faced by Renewable Energy businesses. Your company's name will remain anonymous if you choose. Could a MEIA staff member reach out to you for further information?

- Yes, using the information already provided
- Yes, but using another contact method
- No, I do not want to share/do not follow up
- Unsure



MANITOBA RENEWABLE ENERGY INDUSTRY SURVEY

Training and Workforce Development Needs and Opportunities

[Introduction](#) » [Organizational Profile](#) » [Workforce Profile](#) » [Training](#) » [Supports](#) »

[Research & Development](#) » [Financial Profile](#) » [GHG's](#) » [MEIA's Role](#) » [Done](#)

[Back](#)

Research & Development

F1) Does your organization conduct Renewable Energy or Energy Efficiency research and development?

Yes No Unsure

[Continue](#)

Copyright 2021 MEIA. [Privacy Policy](#)

MANITOBA RENEWABLE ENERGY INDUSTRY SURVEY

Training and Workforce Development Needs and Opportunities

[Introduction](#) » [Organizational Profile](#) » [Workforce Profile](#) » [Training](#) » [Supports](#) »
[Research & Development](#) » [Financial Profile](#) » [GHG's](#) » [MEIA's Role](#) » [Done](#)

[Back](#)

Financial Profile

G1) In what year was your company/organization formed?

G2) Would you say your company's Renewable Energy-related revenue (for your Manitoba-based operations) this year has increased, decreased or stayed the same compared to last year?

Increased Decreased Stayed the same Unsure

G3) Indicate the approximate gross revenue of your organization for the last fiscal year (Canadian dollars).

G4) Between 2017 and 2019 (3-year reporting period), has your company's net income, measured by EBITDA (earnings before interest, tax, depreciation and amortization) been increasing, decreasing, or staying about the same?

G5) Regarding your sales, indicate what proportion of your revenues are earned in the following regions:

1. Manitoba

2. Canada

3. United States

4. Europe

5. Rest of the World

Don't know

Continue



MANITOBA RENEWABLE ENERGY INDUSTRY SURVEY

Training and Workforce Development Needs and Opportunities

[Introduction](#) › [Organizational Profile](#) › [Workforce Profile](#) › [Training](#) › [Supports](#) ›

[Research & Development](#) › [Financial Profile](#) › [GHG's](#) › [MEIA's Role](#) › [Done](#)

[Back](#)

GHG's

H1) Do you measure your company's annual greenhouse gas emissions?

Yes No Unsure

[Continue](#)

Copyright 2021 MEIA. [Privacy Policy](#)



MANITOBA RENEWABLE ENERGY INDUSTRY SURVEY

Training and Workforce Development Needs and Opportunities

[Introduction](#) » [Organizational Profile](#) » [Workforce Profile](#) » [Training](#) » [Supports](#) »

[Research & Development](#) » [Financial Profile](#) » [GHG's](#) » [MEIA's Role](#) » [Done](#)

[Back](#)

MEIA's Role

I1) Before receiving our introduction letter and/or this survey, were you aware of the Manitoba Environmental Industries Association (MEIA)?

Yes No Don't know

1. How do you feel MEIA has performed as an industry association for the Natural Resources, Energy and Environment sectors?

Good Needs Improvement Unsure

2. How can MEIA improve its performance for you and/or your organization?

I2) How important is it for you that a provincial Environmental and Renewable Energy Industry association such as MEIA provides the following services and supports for businesses such as yours? 1 meaning "very important", and 7 meaning "not important at all":

1. Provides input into government policy and regulations

2. Facilitates business and networking opportunities

3. Promotes Renewable Energy and industry initiatives and practices

4. Provides assistance with marketing and sales strategies.

5. Assists businesses in identifying and accessing available government programs and supports.

6. Assists businesses in identifying and accessing available sources of financing.

7. Provides training and professional development.

8. Offers businesses one-on-one technical advice from an expert to address their business needs.

9. Provides Indigenous cultural awareness training

13) Would you be willing to be contacted in the future concerning further research conducted by MEIA?

14) If you are not currently a member of the Manitoba Environmental Industries Association, would you want to be contacted by them regarding upcoming activities, events or training opportunities?