

Defining and Measuring Green Jobs External user engagement exercise

Overview

“[Green jobs](#)”, [current and upcoming work: March 2022](#) explained why green jobs are important for the UK. The Office for National Statistics (ONS) was named in the [Net Zero Strategy](#) (October 2021), as the UK’s largest independent producer of official statistics. It states "The Office for National Statistics will seek to refine our understanding and measurement of the green economy as the UK transitions to net zero, including looking at such issues as quality of work and diversity within the green economy."

There is currently no agreed definition the ONS can use to produce statistics on green jobs. Various UK and international organisations use a range of definitions, which we explored in [The challenges of defining a "green job"](#). At the ONS, we currently produce two sets of related estimates, based on the [Environmental Goods and Services Sector](#) and the [Low Carbon and Renewable Energy Economy](#).

As explained in [“Green jobs”, current and upcoming work: March 2022](#), we have a dedicated project on green jobs which is funded by HM Treasury’s Economic Data Innovation Fund. We committed to consult with our stakeholders to hear as many perspectives as possible. As part of this project we will provide:

- an analysis of the responses from this user engagement exercise
- a clear definition or definitions of green jobs
- experimental statistics measuring green jobs, using these definitions
- initial analytical outputs
- a work programme for embedding statistics into standard output cycles

We will also share our full methodology, including strengths and limitations of the estimates. We will explain how the data can be used, including how it can be disaggregated to effectively meet diverse user needs. At the ONS, we follow the [Code of Practice for Statistics](#) – our green jobs work will be produced using the Code.

Your name and email

We are asking for your name and email address, as we may contact you in relation to your response.

We treat the data we hold with respect, keeping it secure and confidential. To find out more, read our [Privacy Policy](#).

1. What is your name?

Name:

2. What is your email address?

Email:

About your response

3. Are you responding to this user engagement exercise in a personal or a professional capacity?

Professional

4. Are you responding to this user engagement exercise on behalf of an organisation or a group?

- ~~• No, I am responding as an individual~~
- Yes, I am responding on behalf of an organisation
- ~~• Yes, I am responding on behalf of an informal group, such as a community or social media group~~

If you selected 'Yes', please provide the name of the organisation or group.

If you selected 'Yes', please state your title or role within the organisation or group.

5. If responding in a professional capacity, what sector do you work in?

- ~~• Not applicable, I am responding in a personal capacity~~
- ~~• Academia and research~~
- ~~• Business~~
- ~~• Government, including local government and public bodies~~
- Third sector, including charities and think tanks
- ~~Other~~

Enter sector

[free text box]

Green Jobs Questions

6. What are your current and/or expected uses of green jobs estimates?

The industry data available in both the 'Low carbon and renewable energy economy estimates' and the 'Environmental goods and services sector (EGSS) estimates' both provide useful insight into low carbon and renewable energy economy activity and estimates of output, gross value added, employment and exports. We do not currently use these estimates for any specific activity beyond the industry-related insight that they both provide.

7. What is your interest in the topic?

Enginuity has been using our data science, research, and expertise to identify occupations, careers, and skills that will be transferable to clean growth industries and support green economic growth of UK Engineering and Manufacturing

We are interested in this data source which supports the transformation towards a greener economy through the identification of green jobs, and how that data can be used to support issues such as quality of work and diversity within the green economy.

8. There are multiple options for a definition of a green job. Three of these options are listed below. Which is most useful for you?

- ~~Jobs in those “areas of the economy engaged in producing goods & services for environmental protection purposes, and those engaged in conserving & maintaining natural resources”. [[Environmental Goods and Services Sector, UN System of Environmental Economic Accounting.](#)]~~
- “Employment in an activity that directly contributes to - or indirectly supports - the achievement of the UK's net zero emissions target and other environmental goals, such as nature restoration and mitigation against climate risks.” [[Green Jobs Taskforce](#), convened by the Departments for Education and Business, Energy and Industrial Strategy.]
- ~~“Decent jobs that contribute to preserve or restore the environment, be they in traditional sectors such as manufacturing and construction, or in new, emerging green sectors such as renewable energy and energy efficiency.” [[International Labour Organization.](#)]~~

9. If you have any second preference, or other details to share, these can be added in the text box.

10. Do you use any of these definitions already?

- ~~Yes~~
- No

Please share any additional details in the text box.

11. How would you rank these three ways of framing green job definitions and measurements? (1, most useful to 3, least useful)

- 2. An industry-based approach, including all jobs in a green industry or sector
- 1. An occupation-based approach, including all jobs that are green
- 3. A firm-based approach, including all jobs in a green firm

Please share any additional details in the text box.

12. Do you use any of these three approaches or combinations of them?

- Yes
- No

Please share any additional details in the text box.

Engenuity uses an occupation-based approach, including all careers and job roles that are green. We have already identified a number of green Engineering occupations and have begun to measure the demand for job roles and related skills.

13. Do you use any other (not covered in the previous questions) ways to define, understand, or measure green jobs already?

- No
- Yes

If yes, what are they and how are they used?

We are currently using the O*NET definitions of the greening of occupations which states that the “greening” of occupations refers to the extent to which green economic activities and technologies increase the demand for existing occupations, shape the work and worker requirements needed for occupational performance, or generate unique work and worker requirements.

If no, why not? Please include links to relevant sources, if used, and more details.

n/a

14. We expect to be able to provide estimates of green jobs by industry or sector. How would you rank these further breakdowns of green jobs estimates? (1, most useful to 3, least useful)

- 3. Demographic** (age, ethnicity, etc.)
- 2. Geographic** (country, region, local authority area, etc.)
- 1. Quality** (skills, salary, tenure, etc.)

If there is another breakdown of the estimates that you are interested in, please specify below

15. We are constantly developing our environmental statistics and analysis. Are there any other environment-related topics or themes that are you interested in?

Closing page

Thank you for your response. The user engagement exercise will close on Thursday 6 October 2022. A summary of the results and an ONS response to the exercise will be published by the end of 2022. We will continue to seek engagement on this work as it develops and welcome your ongoing feedback.

16. Do you have any other comments about this user engagement exercise?

[free text box]

17. How did you, or the organisation or group that you are responding on behalf of, hear about this exercise?

- ONS website or blog
- ONS email or newsletter
- ONS event
- Social media
- Other

If other, please specify

[free text box]

18. If you'd like to be informed of updates on our work on green jobs, please tick the permissions box

- Yes please, I'd like to be informed
- No thank you