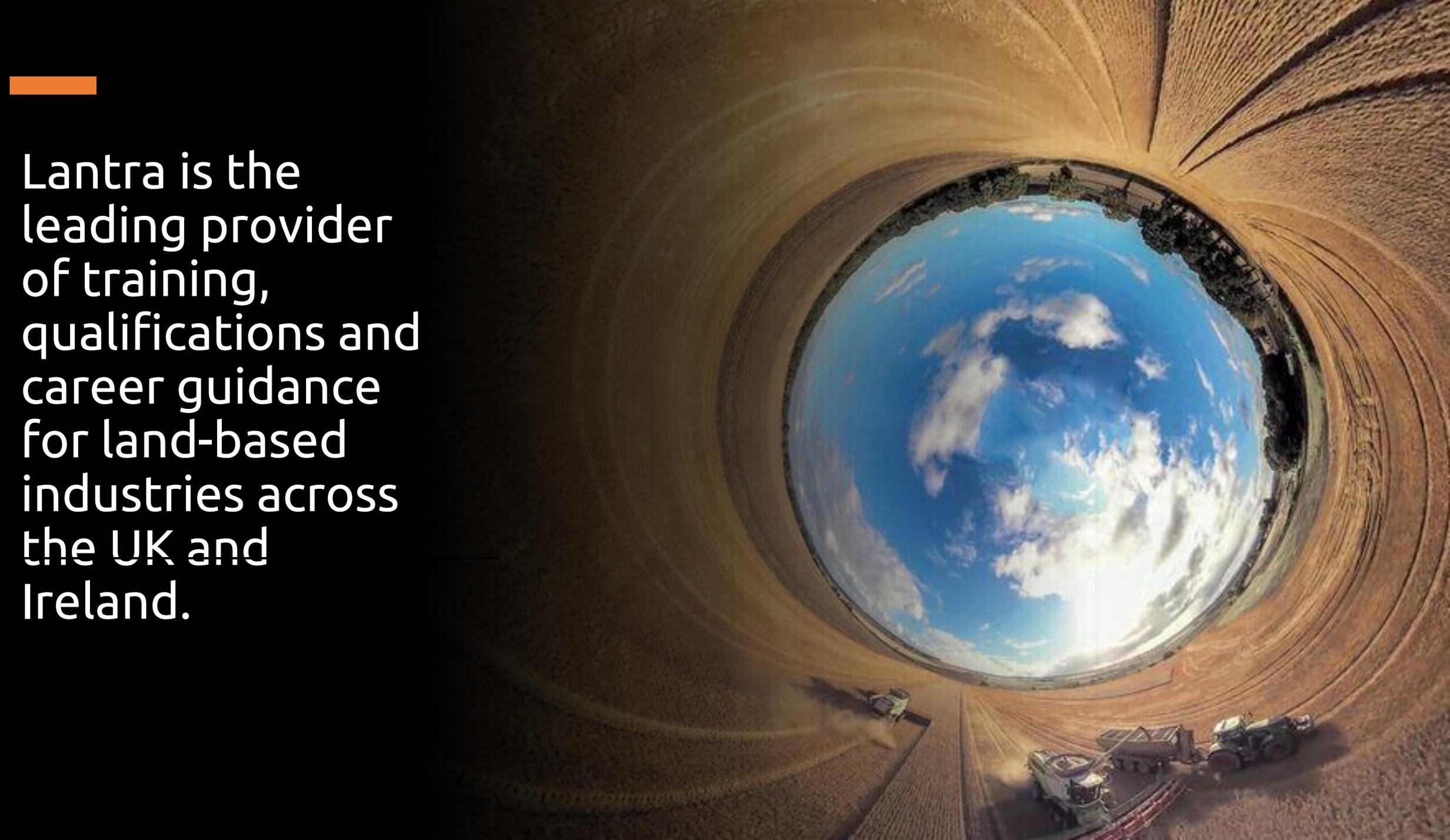




Lantra - what we do in Scotland, and why!

Dr Liz Barron-Majerik, MBE MICFor

Lantra is the leading provider of training, qualifications and career guidance for land-based industries across the UK and Ireland.



What is land based?



- Agriculture
- Aquaculture
- Biodiversity
- Environmental conservation
- Equine
- Fisheries management
- Food and drink processing
- Forestry, trees and timber
- Game and wildlife
- Horticulture
- Land-based engineering
- Peatland restoration

So, what does Lantra stand for?

Promoting possibilities, opportunities, achievements and success

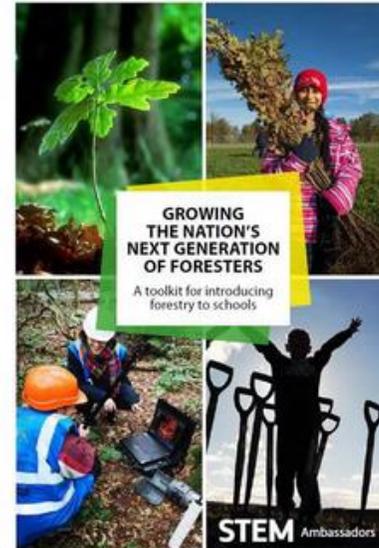
Ensuring policy and practice meet the needs of the sector



Accrediting courses as well as a network of instructors and training providers

Supporting the development of a Skilled and diverse workforce

It's great here



I'm a Scientist
Get me out of here



Its great here



VIRTRURAL CAREERS

Registration closes tomorrow, Tuesday 8th at 5pm

THIS WEDNESDAY 9TH NOVEMBER!

- | | |
|----------------------------------|------------------------------|
| 10:00 Introduction | 12:20 BREAK |
| 10:10 Horticulture | 13:00 Land-based Engineering |
| 10:30 Forestry | 13:20 Animal Care |
| 10:50 Wildlife Management | 13:40 Agriculture |
| 11:10 BREAK | 14:00 Summary |
| 11:20 Environmental Conservation | |
| 11:40 Equine | |
| 12:00 Aquaculture | |



Campaign DYW #NoWrongPath
Campaign Scottish Careers Week

Event Lochaber High School

Event RHET Perth & Kinross and
RHET Forth Valley Food and
Farming Day

Event McLaren High School STEM
Event

Event Food of the Future Celebration,
Dumfries House

Event RHET Ayrshire and Arran
Countryside Careers Day, Dumfries
House

Event Active Inquiry Lamlash High
School

Event DYW STEM West

Event Clydebank High School

Event St Peter the Apostle High
School

Event Active Inquiry at Biggar High
School

Event Step into STEM Cumbernauld

Event Step into STEM Coatbridge

Event DYW Dumfries and Galloway
STEM in Food and Drink CPD Event

Virtual Event Lantra Scotland's
VirtRural Careers Event

Meeting Energy Skills Partnership
Programme Manager - STEM

Virtual Event DYW Live Climate Week
presentation and themed lesson

Event RNCI Education Day at RNAS Countryside Live

Virtual Event Lift Off and Grow Panel session

Event RNCI/RHET Angus Sustainability Day, Braes of Pert

Lantra Scotland Careers Activities 2022/23



Events Hawick High School

Events Earlston High School

Event Peebles High School

Event Galashiels Academy

Event Jedburgh Grammar School

Meeting DYW School Coordinator

Earlston High School and Eyemouth

High School

Meeting DYW Borders Programme Manager

Event Berwickshire High School

Events Kelso High School

Events Selkirk High School

Event Nairn Academy

Event Active Inquiry at Nairn Academy

Event Institute of Chartered Foresters,
Teachers and DYW, Scottish School of Forestry

Presentation Perth High School STEM
Event

Event Lego League Scottish Final

Event Scone Garden Festival

Event ScotSheep - RHET Angus

Schools visit presentations

Event STEM Expo Dundee

Meeting ENABLE Works

Virtual Event Glenalmond College
presentation

Event First Lego League Challenge
Regional Final, Dundee and Angus
College

Meeting DYW School Coordinator,
Perth Academy and Bertha Park High
School

Meeting DYW Tay Cities Employer
Liason Officer

Event DYW Apprenticeship Event,
Perth

Event Auchmuty High School

Event Preston Lodge High School

Event Musselburgh Grammar School

Virtual Event DYW Live Cedarbank
School

Event Boroughmuir High School UK
YPEF Competition

Virtual Event Personal Brand

Virtual Event NatureScot Conference Presentation

Its great here



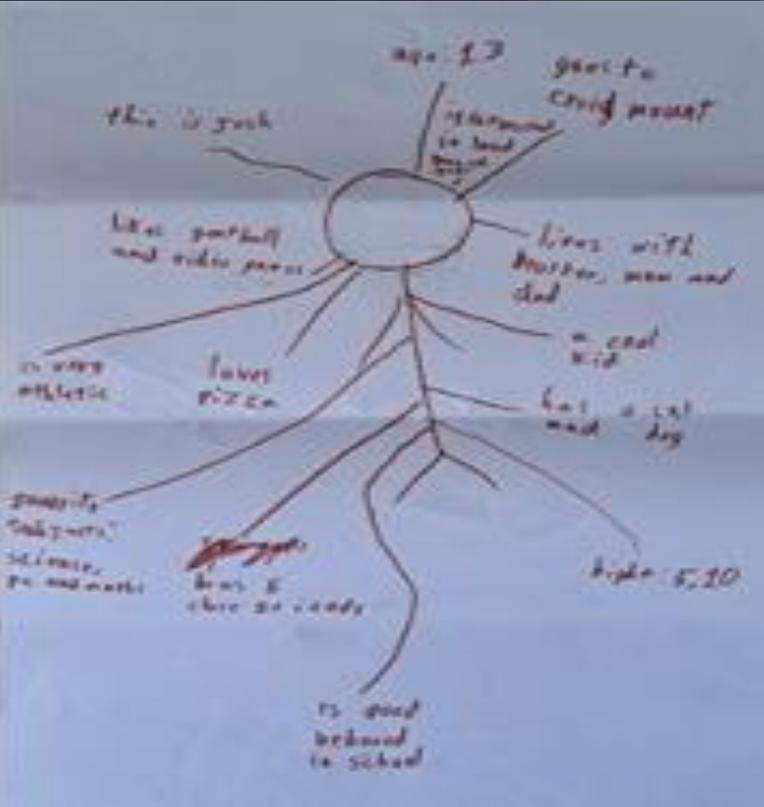
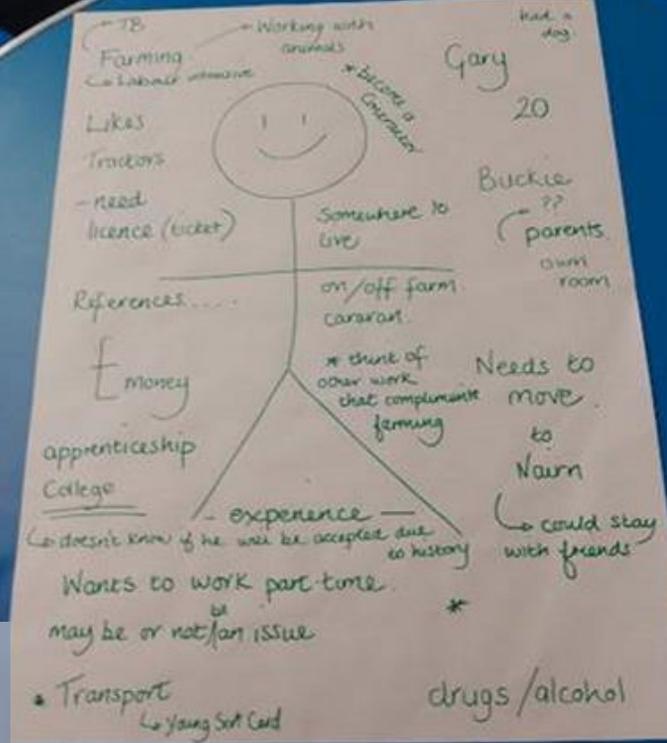
“ Aquaculture has taken me all over the world - Greece Croatia, France, Norway, Australia, and New Zealand. Travelling and meeting new people keeps the job engaging and keeps you learning!”



Scottish Careers Week
Get involved
7-11 November 2024



Its great here



LOVE ANIMALS? WHY NOT BE A...



FOR MORE INFORMATION ABOUT BECOMING A FARMER, SCAN THIS OR CODE



SCAN ME

BE A...  FARMER!

Be great here

Want to work in Biology?

Horticulture is the cultivation and harvesting of plants, which can be for profit, or for environmental or social good.

There are lots of different routes into really rewarding careers in horticulture and greenspaces, including college, university, or apprenticeships. And as the climate changes, we need to manage our plants, flowers and fruit in a more sustainable way and save the 1 in 9 species currently at risk in Scotland.

Whether you're into being creative and getting your hands dirty, or you'd rather use your knowledge of science and technology in a lab, a career in horticulture could be what you're looking for.

Greenspaces are our natural health service, our children's outdoor classrooms and the green lungs of our cities.

Just look around

Find out more from #LantraScotland



Find your field... farm... or forest!

Considering a career or ready to progress within the land-based sector? Let Lantra help you make your next career choices.

Find a new or different career

Search Careers

Search

What are you interested in?

There are so many rewarding careers in the UK land-based industries! We have over 200 career descriptions on our website, along with information about salary, skills, qualifications and training. You can also hear from people already working in the sector who will help to give you a picture of what a day in the life of a variety of careers might look like.

Select an industry below and click on the Careers Map to discover the huge range of career opportunities.



Agriculture



Animal Care



Aquaculture



Environmental Conservation



Equine



Fisheries Management



Forestry & Arboriculture



Highways



Horticulture



Land-based Engineering



Warehousing & Logistics



Wildlife Management

**Be great
here**

“You never change things by fighting the existing reality. To change something, build a new model that makes the existing model obsolete.” – Buckminster Fuller



Be great
here



Lets make it even greater here



Climate Emergency Skills Action Plan 2020-2025

Key Issues And Priority Actions



Skills
Development
Scotland



Scottish Government
Riaghaltas na h-Alba
gov.scot



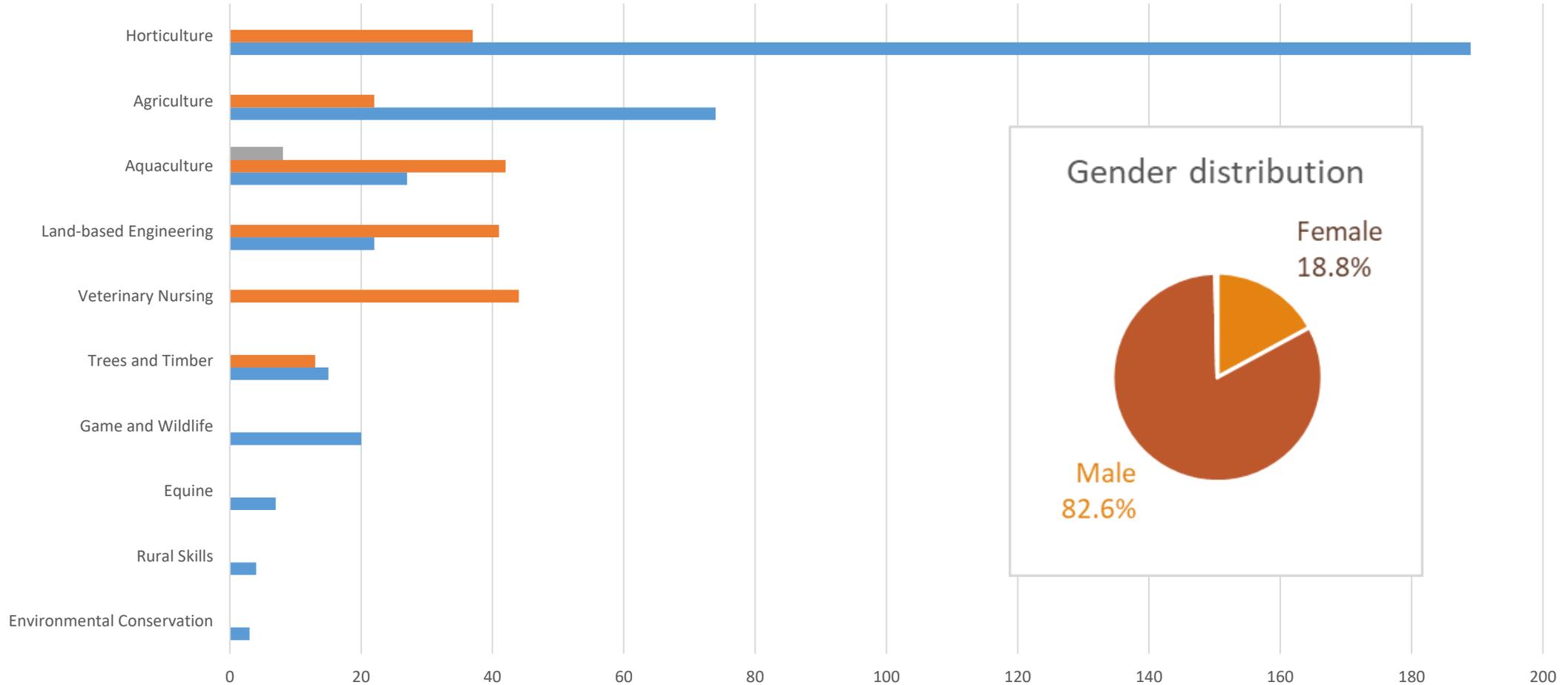
The Wood and the Trees

Forestry
induction pack

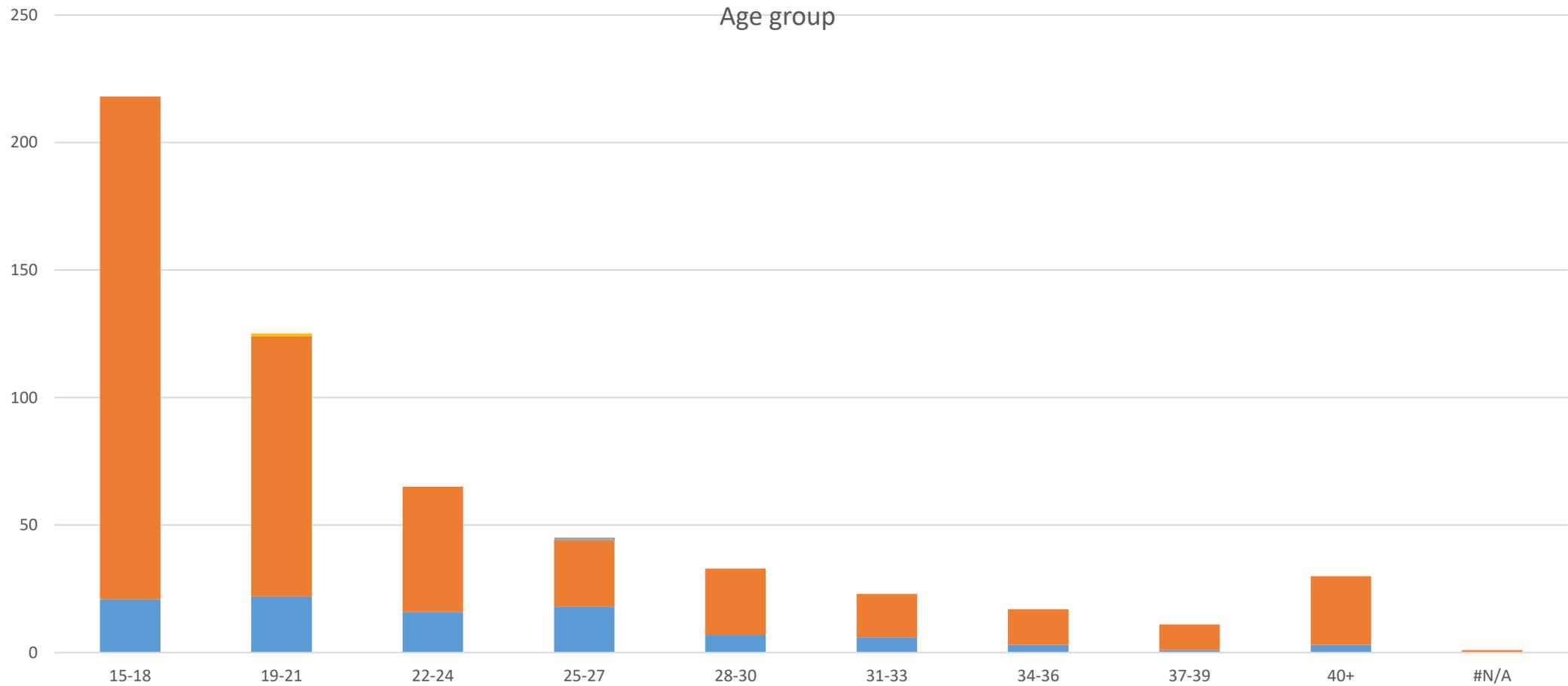
2nd Edition

Lets make it even greater here

Framework

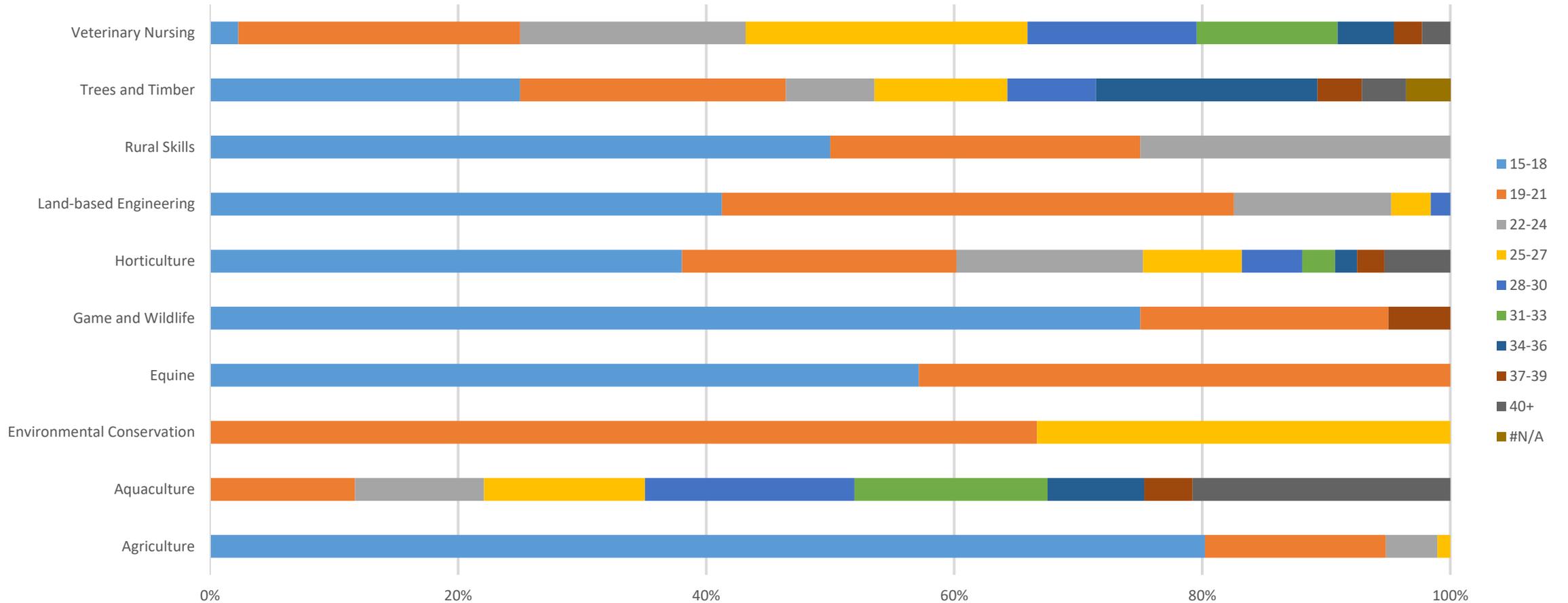


Lets make it even greater here



Lets make it even greater here

Age distribution by industry



Programme for Government 2021-22

The Commission was tasked with undertaking a review of land-based learning, with the aim of producing recommendations to Ministers on how to attract more people, specifically women and young people, into land-based sectors, and to improve the learning pathways – from early years, through to adult career changers.



The Commission

- Dr Liz Barron-Majerik, Director, Lantra Scotland (co-chair) Farmers Union Scotland
- James Wylie, Executive Director of Education, Leisure and Housing in Orkney Islands Council (nominated by ADES) (Co-Chair from May 2022)
- Amy Jo Reid, Agriculture and Rural Vice Chair, Scottish Association of Young Farmers Clubs
- Andy Leitch, Deputy Chief Executive, Confor
- Chris Brodie, Director of Regional Skills Planning and Sector Development
- Claudia Rowse, Deputy Director of Sustainable Growth, Nature Scot
- David Thomson, Chief Executive, Food and Drink Federation Scotland
- Gail Robertson, Development Manager, Ringlink
- George Jamieson, Education and Skills Manager, National Farmers Union Scotland
- Heather Jones, Chief Executive, Sustainable Aquaculture Innovation Centre
- Ishabel Bremner, Chair of the Scottish Local Authorities Economic Development (SLAED)
- Jamie Newbold, Academic Director, Scotland's Rural College (SRUC)
- Lesley Laird, Director, Equate Scotland
- Rachel Cowper, Chief Operating Officer, The Crichton Trust
- Steven Grier, Chair, Scottish Apprenticeship Advisory Board (SAAB) Employer Equalities Group
- Bernard Chisholm, Former Director of Education, Skills and Children's Services, Comhairle nan Eilean Siar Co-Chair from August 2021. Resigned April 2022.

Outcomes



1. Work towards the reframing of the land-based sectors as nature-based.

1.1 Develop an effective communications strategy to support the reframing of the Sector.

2. Establish clear progressive experiences for nature-based learning and climate literacy across all levels of Curriculum for Excellence.

2.1 Identify ways to support an increase in Sector school/college partnership learning pathways, offered and undertaken by schools

2.2 Provide on-going Career Long Professional Learning (CLPL) support for school- based staff and volunteers across all education authorities, supported by education providers to improve their knowledge and understanding of the opportunities within the Sector. Include practical training in supporting learning in the natural environment.

Outcomes

3. Ensure that the Learning for Sustainability (LfS) Action Plan refresh encompasses strong progressive learning experiences relating to nature-based learning.
 - 3.1 Establish a robust approach to monitoring quality of the curriculum delivery of LfS, including the quantity and quality of nature-based and outdoor learning.
 - 3.2 Promote the delivery of more outdoor learning by supporting local authorities and colleges to undertake a review of their estate, to identify the potential for carbon reduction, climate change mitigation and the creation of accessible nature spaces.
4. Ensure funding to support core and innovative nature-based education and training programmes, to ensure sustainable provision to allow for fluctuating uptake.
5. Ensure that accreditation bodies (at all curriculum levels) have sufficient capacity to respond timeously to review existing awards and develop new awards, guaranteeing the skills and knowledge requirements of the Sector are met.

Outcomes

6. Contribute to the Skills delivery landscape independent review, ensuring that the complex needs of the sector are understood and addressed.

7. Contribute to the Skills delivery landscape independent review, ensuring that the 16+ Data Hub captures the wide range of job roles undertaken across the Sector to allow for effective monitoring and impact.

8. Support the retention of critical Higher Education (HE) provision in areas such as forestry and aquaculture by developing innovative ways to extend the reach of their delivery.

9. For the new Agriculture Scotland Bill, as part of Tiers 3 and 4, to include provisions to enable support to fund upskilling/Continuing Professional Development (CPD) training for farmers and employees to support priority, quality non-legislative training towards a just transition to a green economy.



Outcomes

10. Strongly recommend that Scottish Government incentivise uptake of structured Education and Training programmes to support the Agricultural sector.

11. Amend the annual compulsory Agriculture Census to include specific Labour Market Intelligence (LMI) questions, which can be used by Skills Development Scotland (SDS) and others to inform the Sector's skills needs more accurately.

11.1 Identify opportunities to add LMI questions to other Sector surveys sent out by the Scottish Government or related agencies.

12. Undertake research which identifies key transferable skills required across different job roles within the Sector.



Outcomes

13. Ensure learning from interventions such as the Women in Agriculture Taskforce and Women in Scottish Aquaculture is used to inform actions to attract more women into sectors where there is a gender imbalance.

13.1 Ensure learning from interventions support other groups which are under-represented in the Sector.

14. Sector 'Industry Leadership Groups' (or equivalent) to establish what help or interventions would enable their industries to meet fair work requirements.

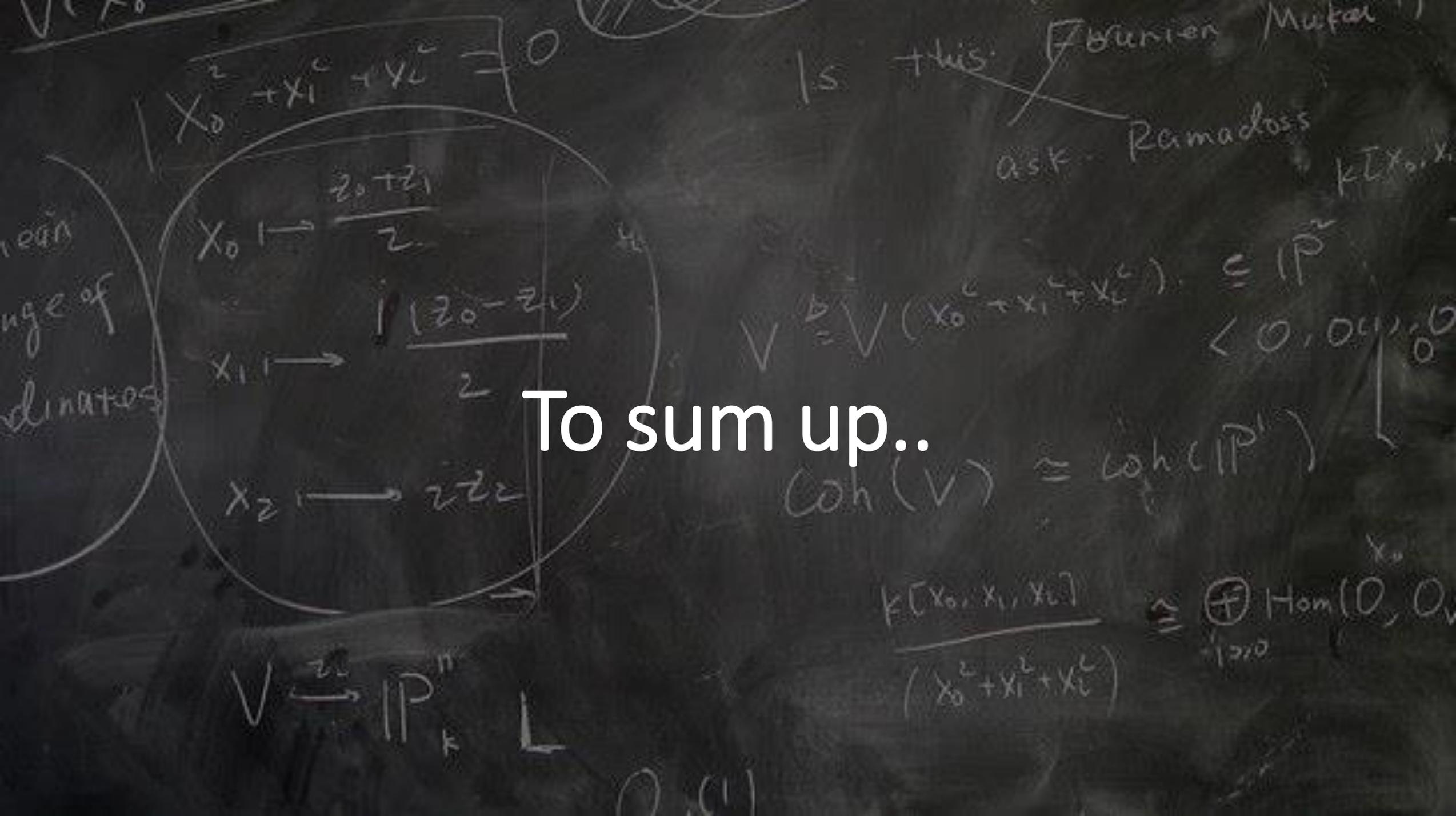
15. Annually review recommendation progress, whilst sharing best practice and lessons learned.



What next?

**Commission for the
Land-Based Learning
Review**

**Report to Scottish
Ministers**



$$x_0^2 + x_1^2 + x_2^2 = 0$$

this is a Fibration
ask Ramadoss

range of coordinates

x_0	$\mapsto \frac{z_0 + z_1}{z}$
x_1	$\mapsto \frac{z_0 - z_1}{z}$
x_2	$\mapsto z/z$

$$V \stackrel{\Delta}{=} V(x_0^2 + x_1^2 + x_2^2) \subseteq \mathbb{P}^2$$

$$\text{Coh}(V) \cong \text{Coh}(\mathbb{P}^2)$$

$$\frac{k[x_0, x_1, x_2]}{(x_0^2 + x_1^2 + x_2^2)} \cong \bigoplus_{i \geq 0} \text{Hom}(O_V(i), O_V(i))$$



To sum up..

Thank you
for listening

Please do get in touch if
you have questions or
suggestions:

Liz.Barron-Majerik@lantra.co.uk

01738 479709