

Sustainability, net zero and green apprenticeships

Prof. Jude Capper

@bovidiva



22nd June 2022

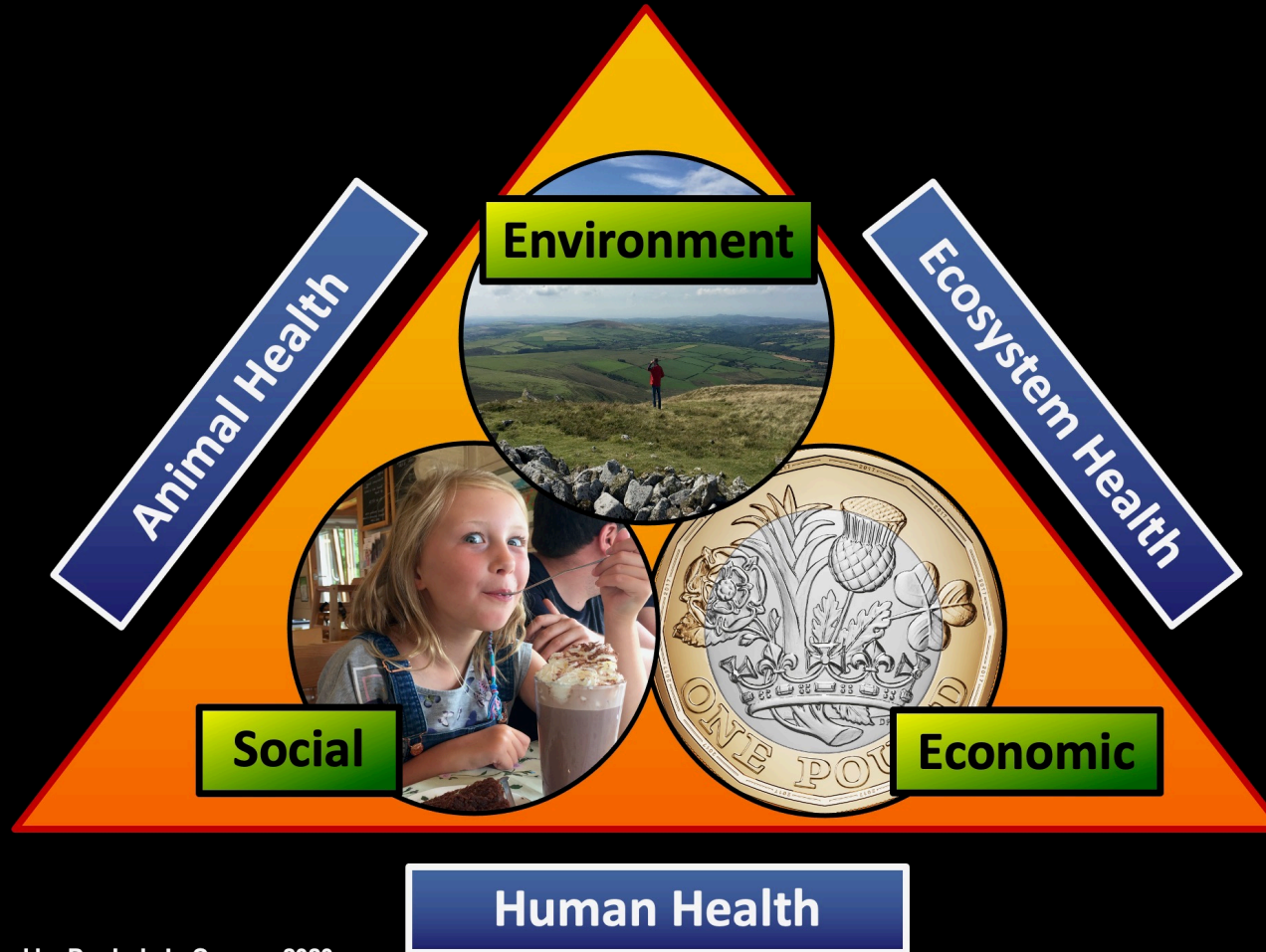
Source: Dr. Jude L. Capper, 2022

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S

Sustainability comprises three pillars, all under the umbrella of One Health



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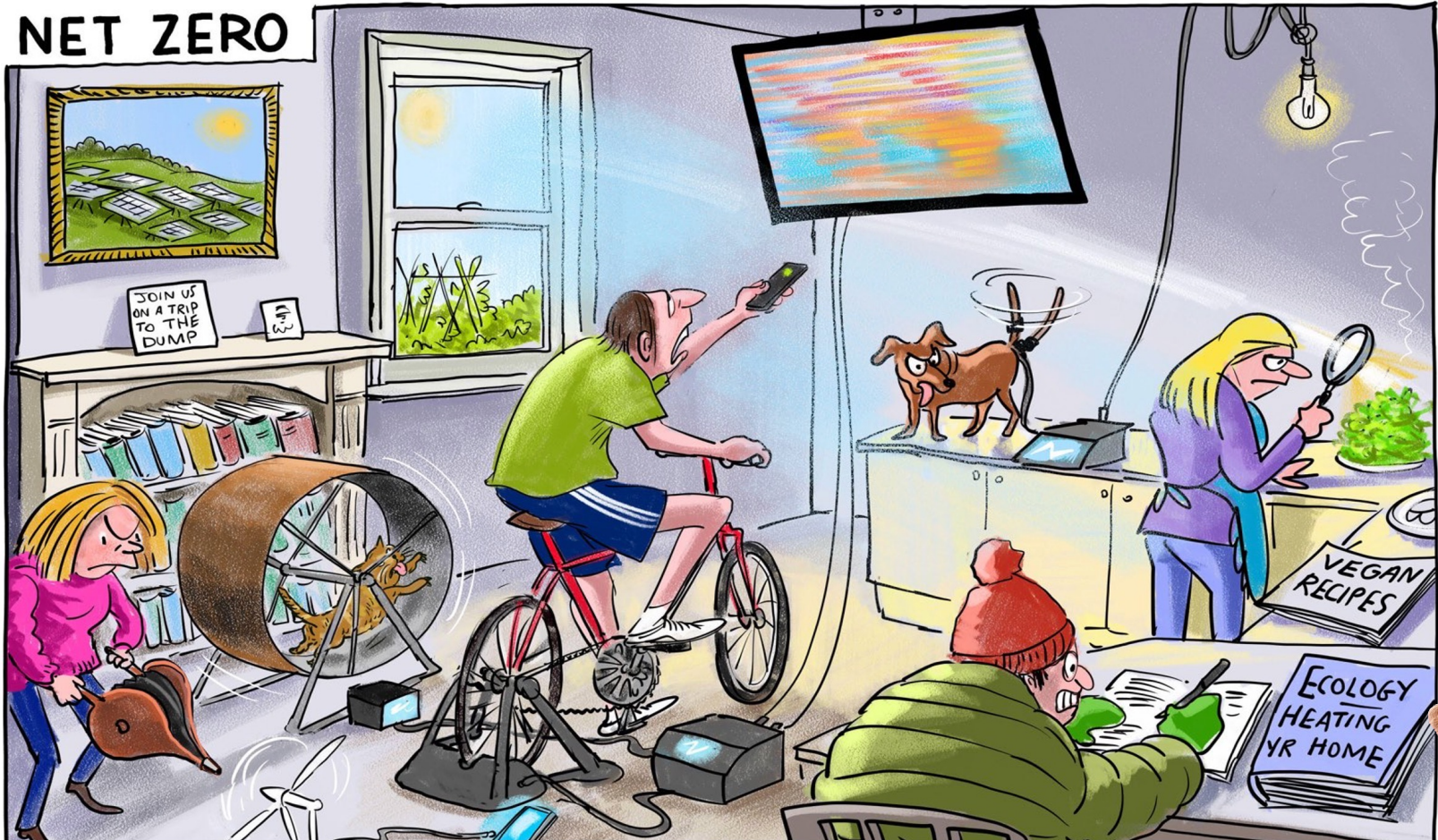


Source: Created by Dr. Jude L. Capper, 2020.

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Net Zero is a clear priority



Source: Created by Dr. Jude L. Capper, 2021. Cartoon from: <https://twitter.com/Caroon4sale/status/1384537729460056067?s=20>

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B

Achieving net zero – where carbon inputs and outputs balance



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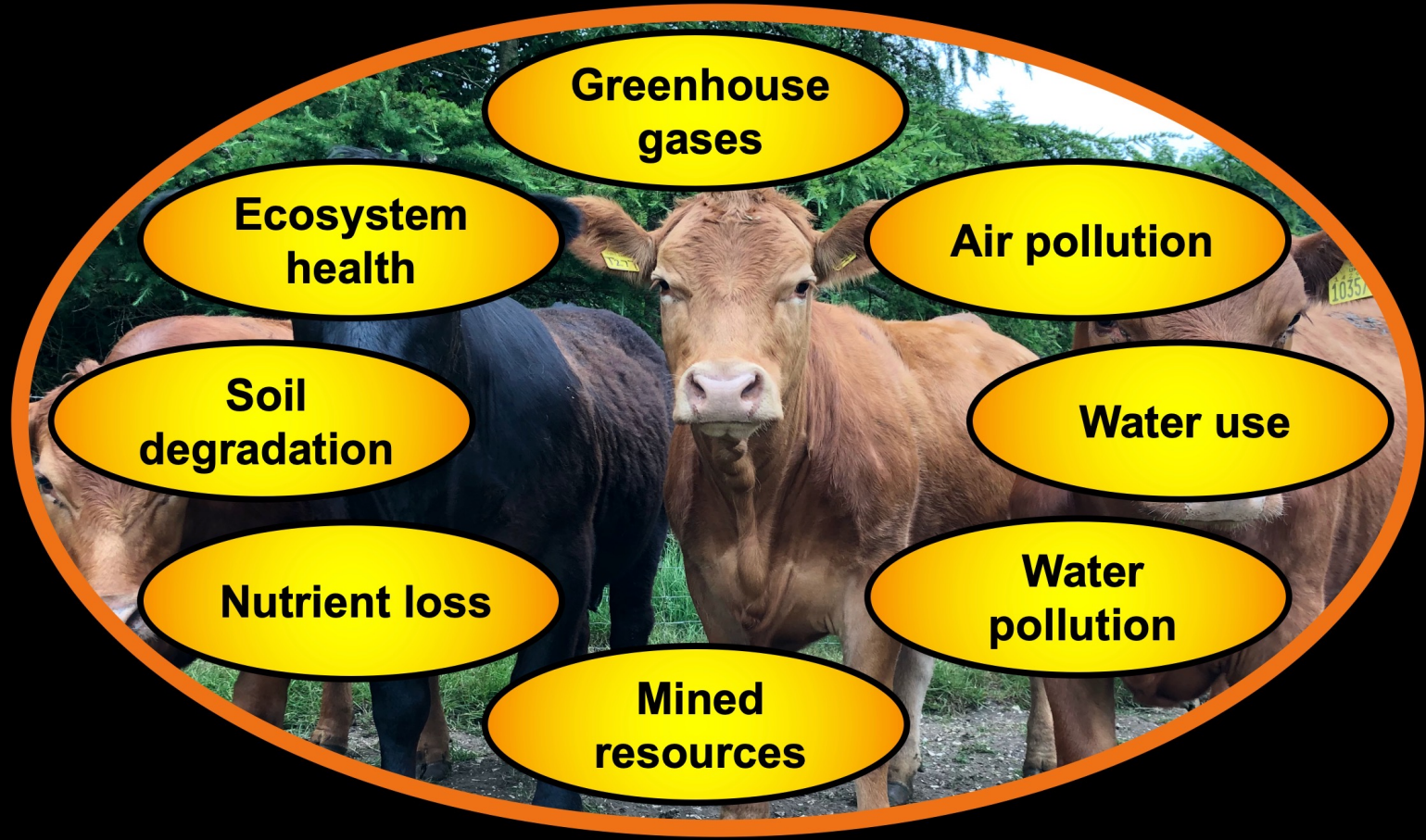
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Environmental impacts are not limited to greenhouse gas emissions



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The UN Sustainable Development Goals are key to a better world

	1 NO POVERTY 	2 ZERO HUNGER 	3 GOOD HEALTH AND WELL-BEING 	4 QUALITY EDUCATION 	5 GENDER EQUALITY
6 CLEAN WATER AND SANITATION 	7 AFFORDABLE AND CLEAN ENERGY 	8 DECENT WORK AND ECONOMIC GROWTH 	9 INDUSTRY, INNOVATION AND INFRASTRUCTURE 	10 REDUCED INEQUALITIES 	11 SUSTAINABLE CITIES AND COMMUNITIES
12 RESPONSIBLE CONSUMPTION AND PRODUCTION 	13 CLIMATE ACTION 	14 LIFE BELOW WATER 	15 LIFE ON LAND 	16 PEACE, JUSTICE AND STRONG INSTITUTIONS 	17 PARTNERSHIPS FOR THE GOALS

Source: Created by Dr. Jude L. Capper, 2021; Infographic from: <https://sdgs.un.org/goals>

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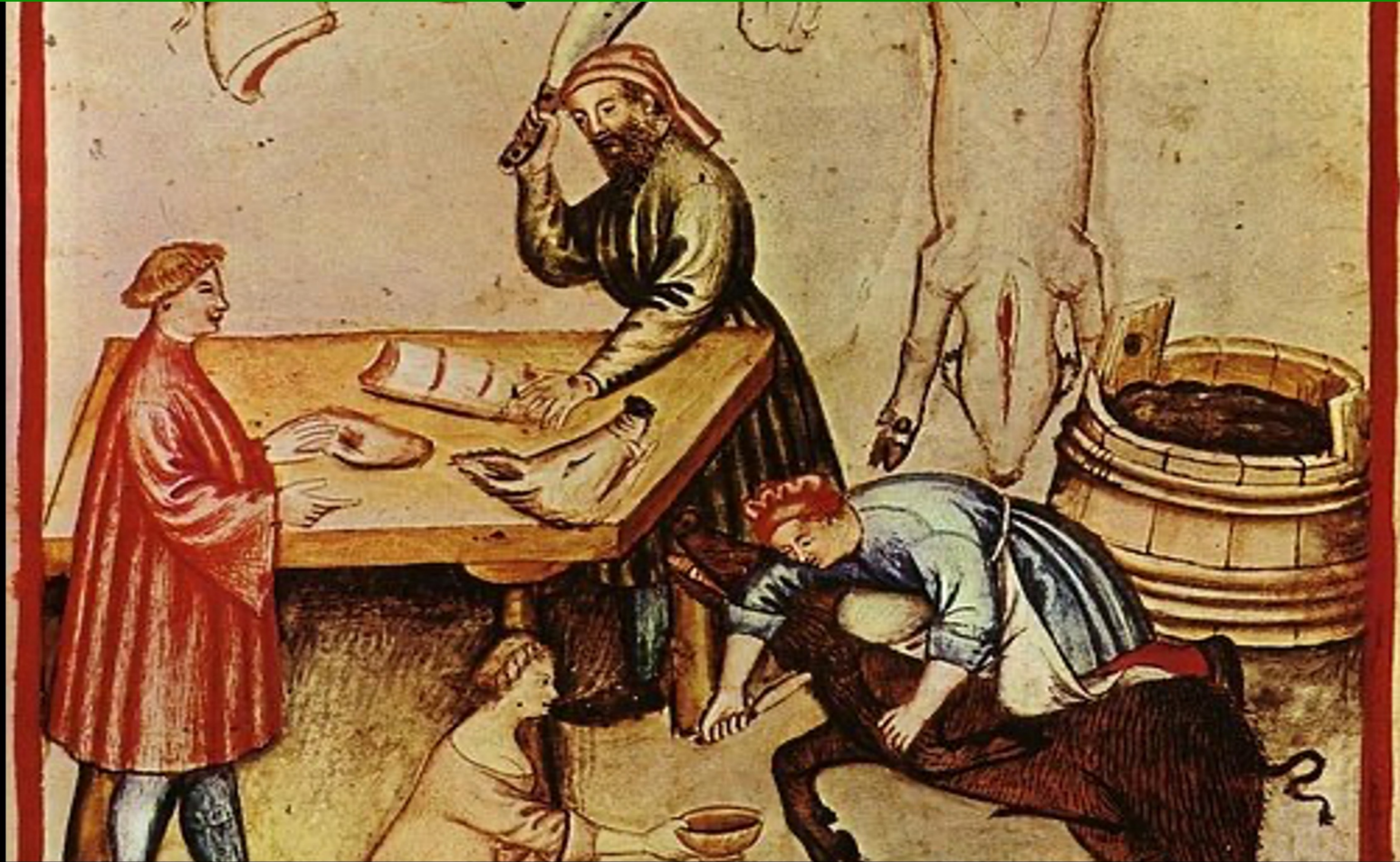
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APP

There is a long tradition of apprenticeships in the UK

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Source: Created by Dr. Jude L. Capper, 2022. Photo from: https://www.worldhistory.org/Medieval_Trades/

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Institute for Apprenticeships and Technical Education (IfATE) – employer-led organization



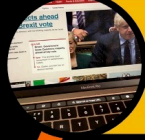
Leverage expert guidance from employers to eliminate skills gap



645 Apprenticeships (44 in green careers)



16 T-levels



30 Higher Technical Qualifications



Green Advisory Panel identifies opportunities to improve current and future sustainability

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All industries need to look to the future

NEED

**2 million green jobs by 2030
Net-zero carbon emissions by 2050**

GAP

SKILLS

REMIT

IfATE Green Apprenticeships Panel

Green Apprenticeship Advisory Community

10-point plan

**National Green Jobs
Taskforce**

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How can my apprenticeship contribute to achieving net zero?



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**Harper Adams
University**

Source: Created by Dr. Jude L. Capper, 2022.

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Thank you!

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<http://bovidiva.com/presentationlinks>

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Questions?



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