ONE WELFARE
A Framework to improve Animal Welfare and Human Wellbeing
Rebeca García Pinillos

@onewelfare
@onewelfareworld
onewelfare

www.onewelfareworld.org
‘ONE WELFARE’

- Background
- What is One Welfare?
- The One Welfare Framework
- Conclusions
What is One Welfare?
BACKGROUND
‘ONE WELFARE’

One Welfare describes the interrelationships between animal welfare, human wellbeing and the physical and social environment.

Ref: Garcia Pinillos, R. – One Welfare: a framework to improve animal welfare and human wellbeing – CABI, 2018
# ‘ONE WELFARE’

Table 1. Relationship between One Welfare and the five freedoms, provisions and domains (*adapted from FAWC, 2003 and Mellor, 2016).

<table>
<thead>
<tr>
<th>Five freedoms, provisions and domain*</th>
<th>One Welfare connections</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nutrition</td>
<td>Provision of food and water to animals is key to secure their health and welfare, and to underpin human livelihoods</td>
</tr>
<tr>
<td>Freedom from hunger, thirst and malnutrition</td>
<td>Ready access to fresh water and a diet to maintain full health and vigour</td>
</tr>
<tr>
<td>Environment</td>
<td>Environmental resources are connected to both humans and animals</td>
</tr>
<tr>
<td>Freedom from discomfort</td>
<td>Providing a suitable environment including shelter and a comfortable resting area</td>
</tr>
<tr>
<td></td>
<td>Suitable accommodation for animals improves their well-being and coexistence with humans</td>
</tr>
</tbody>
</table>

Ref: Garcia Pinillos, R. – One Welfare: a framework to improve animal welfare and human wellbeing – CABI, 2018
Noting that the health and welfare of animals, sustainable development and the environment are connected to human health and well-being,
‘ONE WELFARE’

• Help professionals understand and recognize the interconnections between their work with humans/animals/environment and wider society.

• Highlight that impact of animal welfare work/policies goes beyond helping animals, and helps to stop suffering more widely, reaching humans and society.
‘ONE WELFARE’

Triple planetary crisis:
- climate change,
- nature and biodiversity loss,
- pollution and waste
The One Welfare framework
Ref: Garcia Pinillos, R. – One Welfare: a framework to improve animal welfare and human wellbeing – CABI, 2018
Ref: National Link Coalition
Domestic violence victims have a cost of 8 million paid work days/year.

Ref. National coalition against domestic violence, 2007
Violence against women tends to increase in any emergency, including epidemics. Stress, disruption of social and protective networks, increased economic hardship and decreased access to services can exacerbate the risk of women suffering violence.

The Eastern Mediterranean Region has the second highest prevalence of violence against women.

Refuge sees online traffic to its National Domestic Abuse Helpline website rise by 700%.

News, Press Release
Following a media push to ensure women experiencing domestic abuse know how they can access help and support during periods of lockdown, Sandra Horley CBE, Chief Executive of national domestic abuse charity Refuge said:

Ref: https://www.refuge.org.uk/refuge-sees-700-increase-in-website-visits/
One Welfare Phoenix is a new project designed to support the sustainable development goals and global reduction of violence by supporting the production and dissemination of practical guides to professionals to help identify and report the links between animal and human abuse and neglect, including the relation to health consequences.

This project is designed to bring together collective expertise across the world to develop global free access guidance for veterinary, medical and social services professionals as well as the public on section 1 of the One Welfare Framework the links between animal and human abuse and neglect, providing a flexible space for local contacts, to be built into the guidance by local groups.

What Phoenix? We were inspired by the deep symbolism significance and the beauty, power and resilience strength of the Phoenix bird emerging from the fire and ashes magnificent and

ONE WELFARE PHOENIX KEY OBJECTIVE

This project supports the UN Sustainable Development Goal targets as follows: SDG 3: strengthen the prevention and treatment of substance abuse, including narcotic drug abuse and harmful use of alcohol; SDG 5: Eliminate all forms of violence against all women and girls in the public and private spheres, including trafficking and sexual and other types of exploitation; SDG 16: target to significantly reduce all forms of violence and related death rates everywhere; SDG 17: Enhance international support for implementing effective and targeted capacity-building in developing countries to support national plans to implement all the sustainable development goals.
KEY PROJECT OBJECTIVE

Facilitate the exchange, publication and dissemination of information, experience and best practice in the area of animal and human abuse and neglect, including, where available the connections to the environment.

Covering:
- Companion animals;
- Working animals;
- Farm animals;
- Wildlife and stray animals
‘ONE WELFARE PHOENIX’

ONE WELFARE PHOENIX - KEY PROJECT OUTCOME

Develop global free access guidance for:
- Veterinary professionals,
- medical professionals,
- social services professionals,
- the public
The social implications of animal welfare
‘ONE WELFARE FRAMEWORK’ – SECTION 2

Responsible ownership
"Climate change is a hoax."

LYING.
Climate scientists shocked by catastrophic floods in Germany

Flooding in Germany broke records and killed people.

By Christian Spencer | July 16, 2021
Animal health and welfare, human wellbeing, food security and sustainability
Animal Welfare and farmer wellbeing

Instances also arise where the poor health or wellbeing of an owner or keeper may lead to the welfare of animals under their control being compromised. Effective welfare outcomes for the animals may require the holistic engagement of various animal and human health/wellbeing services. The use of a ‘One Health, One Welfare’ approach can help in resolving certain situations, and will be encouraged.

Ref: https://www.gov.ie/en/publication/12d6a-animal-welfare-strategy/
Sheep gather during a wildfire near Limni village on the island of Evia, about 160 kilometers (100 miles) north of Athens, Greece, Wednesday, Aug. 4, 2021. The European Union promised assistance Wednesday to Greece and other countries in southeast Europe grappling with huge wildfires after a blaze gutted or damaged more than 100 homes and businesses near Athens. (AP Photo/Thodoris Nikolaou)

Improved animal welfare – improved food security and sustainability

Animal Health and Welfare, Environmental Protection, Food Security and Sustainability

raise productivity. In the livestock sector, the general adoption of sustainable practices could cut livestock methane emissions by up to 41 percent while also increasing productivity through better animal feeding, animal health and herd structure management. However, the
Improved animal welfare – improved food security and sustainability

‘ONE WELFARE FRAMEWORK- - SECTION 3

Efficient practices key to reducing emissions

- Mixed dairy OECD
  - Lipid supplementation
  - Anaerobic digestion
  - Energy efficiency

- Specialized beef
  - Feed quality
  - Grazing management
  - Health & husbandry

- Small ruminants
  - Feed quality
  - Grazing management
  - Health & husbandry

Greenhouse gas emissions in the livestock sector can be reduced by 14–41% through adoption of feasible improvements inc: feed quality, animal health and husbandry, manure management, energy-use efficiency.

Source: @FAOknowledge
Assisted Interventions Involving Animals, Humans and the Environment
Interactions between animals, humans and the environment

Ref: Case Study 17 – Green Chimneys (by Green Chimneys, USA)
‘ONE WELFARE FRAMEWORK’ – SECTION 5

Sustainability: Connections Between Biodiversity, the Environment, Animal Welfare and Human Wellbeing
‘ONE WELFARE FRAMEWORK’ – SECTION 5

Ref: Garcia Pinillos, R. – One Welfare: a framework to improve animal welfare and human wellbeing – CABI, 2018
‘ONE WELFARE FRAMEWORK’ – SECTION 5

Livestock diversity helps cope with climate change.

Livestock diversity or animal genetic resources are terms used to describe the pool of 38 species of domesticated birds and mammals with more than 8,800 breeds currently used for food and agriculture.

Did you know? There are 800 breeds of cattle in the world, each with different valuable traits.

Livestock adaptive traits:
- Thrive on poor quality feed
- Tolerate extreme temperatures
- Tolerate or resist diseases
- Tolerate drought
- Walk long distances for water or food
- Produce meat, eggs, and milk, even under stressful conditions

What are the benefits for people:
- Increase resilience to hazards including drought, floods, and disease
- Allow lands where no crops can grow to be productive
- Allow for relocation of species or breeds better adapted to harsh climatic conditions
- Form and maintain landscapes through grazing and manure fertilization, while facilitating biodiversity
- Provide diverse income and food sources for millions of people

Food and Agriculture Organization of the United Nations
‘ONE WELFARE FRAMEWORK’ – SECTION 5

Ref: https://www.cbd.int/doc/c/abb5/591f/2e46096d3f0330b08ce87a45/wg2020-03-03-en.pdf
‘ONE WELFARE FRAMEWORK’ – SECTION 5
Climate change and lithium mining influence flamingo abundance in the Lithium Triangle

Jorge S. Gutiérrez, Johnnie N. Moore, J. Patrick Donnelly, Cristina Dorador, Juan G. Navedo and Nathan R. Senner

Published: 09 March 2022 | https://doi.org/10.1098/rspb.2021.2388
‘ONE WELFARE’ FRAMEWORK
‘ONE WELFARE’

Triple planetary crisis:

• climate change,
• nature and biodiversity loss,
• pollution and waste
We must do everything possible to encourage collaborations 'One health, One welfare' between different professionals ad sectors to maximize social benefits.

The triple planetary crisis must be tackled holistically; recognizing the interconnections between animals, people, and the environment and implementing a ‘One Health, One Welfare’ approach.
ONE WELFARE
A Framework to Improve Animal Welfare and Human Wellbeing
Rebeca García Pinillos

What is One Welfare? Three key things you need to know

#onewelfare #onewelfareframework #animalwelfare