

SOA17 Sustainability aspects of AW-promoting livestock systems (OO6 Action 1)

Priority area	Operational objective
Management and husbandry guidelines on farm including aquaculture, during transport and at slaughter	To develop guidelines and prototype solutions that advance animal welfare on farm, during transport and at the end of life
Key words	Partner participation
Animal Welfare, Sustainability, One Welfare, End of Cage Age, Environmental Footprint, Green Transition	INRAE, UAB, NVI, IMR, UNIPD, IZS – Teramo, AU, IRTA, CREA, SLU, ISS, FLI, DTU, IZSLER, UNITO, NRIAP, BOKU, UMIL, EULS, NMBU, EFSA, TEAGASC
Project summary	
Establishing a multidisciplinary scientific network to include Animal Welfare within the scope of livestock sustainability (economics, environmental and social performances). The objective of this network is to produce foresight and priority reports on Animal Welfare friendly livestock systems, terrestrial and aquatic animals that limit trade-offs and favour synergies with other sustainability dimensions.	
Project objectives	Outcomes and impacts
<ul style="list-style-type: none"> • Gather specialists in animal welfare, animal health and animal sciences together with scientific experts in other dimensions of sustainability (economics, social and environmental); • Propose shared approaches and tools necessary for assessing sustainability (multi-criteria assessment) and considering the One Welfare concept (https://www.onewelfareworld.org/); • Identify knowledge gaps and innovations based on selected case studies and a review of the available literature and project outputs; • Identify trade-offs as well as synergies between animal welfare and other dimensions of sustainability; • Propose specific consortia for different livestock systems that concern both terrestrial and aquatic animals (aquaculture and fisheries), and that embrace all aspects of livestock systems (on-farm, during transport and at the end of life). These specific consortia shall fill knowledge gaps and design systems that promote animal welfare while reducing (or at least not increasing) negative impacts on the other sustainability criteria. 	<ul style="list-style-type: none"> • Seek to identify livestock systems that favour synergies toward win-win strategies or at least limit antagonisms between animal welfare improvement and other sustainability criteria. • Provide long-term policy makers and stakeholders with the knowledge they need to make fully informed choices on green transition (European “Green Deal”).

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