



European Partnership on
Animal Health and Welfare

Il progetto EUP e la ricerca nel coniglio

Angela Trocino, Clara Tolini
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European Partnership on Animal Health and welfare

- HORIZON-CL6-2023-FARM2FORK-01-2
- Due round: 2024-2026 e 2026-2028
- 91 partecipanti da 24 paesi
- Budget: 120 mil euro (50% cofin) + 60
- Funding organization: Ministero della Salute, MASAF
- Research performing organization: UNIPD, UNIMI, UNITO, CREA, IZS...
- Previste: attività di ricerca e attività integrative; call interne e call esterne (con il coinvolgimento di partner al momento non partecipanti al progetto)



European Partnership on Animal Health and welfare

- Obiettivo generale: rispondere alle sfide globali e alla modernizzazione industriale attraverso sforzi congiunti di ricerca e innovazione (paesi dell'UE, settore privato, fondazioni e altri stakeholder)
- Obiettivi specifici:
 - generare conoscenze e metodologie, strumenti e prodotti per promuovere la sostenibilità della produzione animale
 - supportare lo sviluppo di produzioni animal-friendly e ridurre il rischio di infezioni animali
 - migliore salute e benessere pubblico con approccio One Health-One Welfare



17 3-year Joint Internal Projects (2024-2026)

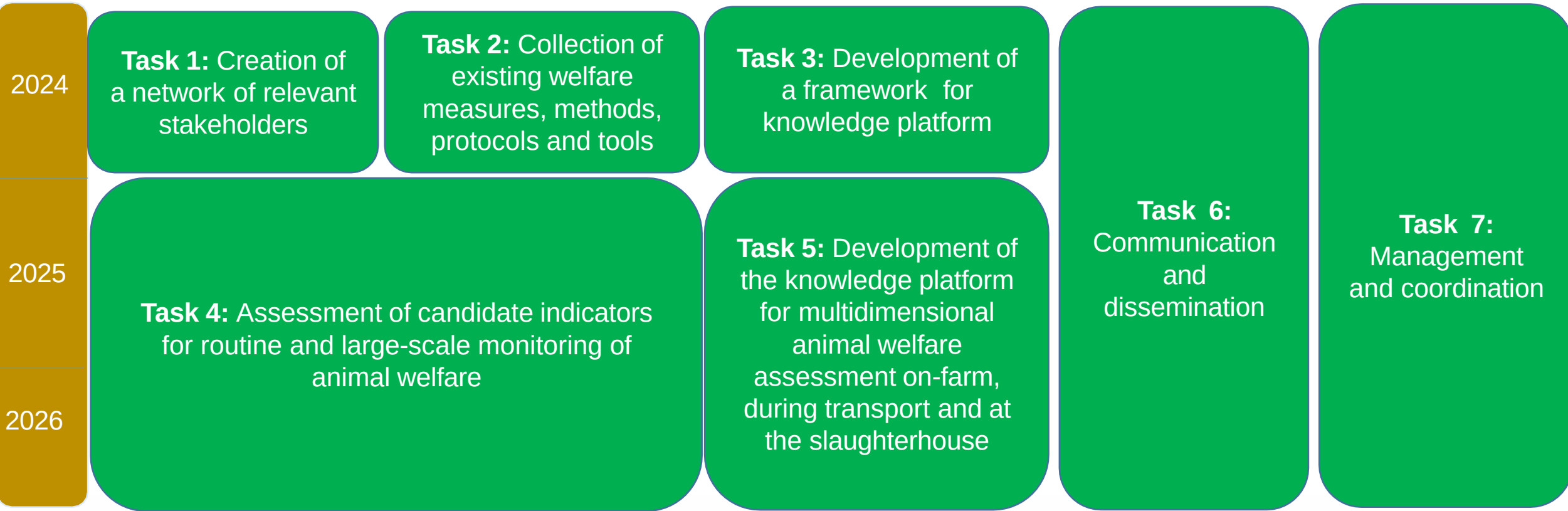
- SOA6 A European wildlife network for terrestrial and aquatic mammals and birds
- SOA7 Wildlife and diseases of aquatic organisms: A European perspective
- SOA8 Surveillance of pathogens of veterinary importance and their antimicrobial resistance profiles
- SOA9 Knowledge platform in the EU to collect, analyse, share and use integrated scientific and technical data on AW**
- SOA10 Rapid Risk Assessment: Improvement of epidemic intelligence methodologies
- SOA11 KNOW-PATH - Knowledge on priority pathogens, infectious diseases and their detection methods
- SOA12 BETO - Better tools for diagnosis of infectious diseases
- SOA13 Assessment of positive welfare; defining animal-based measures
- SOA14 Livestock and fish welfare at slaughter and transport**
- SOA15 Biosecurity measures to prevent and control AID on farm and during transport taking into account effects on AW
- SOA16 Reinforcement of animal resilience
- SOA17 Sustainability aspects of AW-promoting livestock systems**
- SOA18 Pathogen-microbiome interactions, immune system & mechanisms of AMR
- SOA19 Development of new antimicrobial and antiparasitic compounds and of tools for assessing their efficacy and safety
- SOA20 Study the role of the immune system of farm animals
- SOA21 Develop tools such as vaccine platforms and expression systems, immunological toolboxes and delivery system
- SOA22 Assess the economic and societal burden of selected priority diseases and production diseases



SOA9 Knowledge platform on animal welfare



Obiettivo: Creare una piattaforma di conoscenze nell'UE con l'obiettivo di raccogliere, analizzare, condividere e utilizzare dati scientifici e tecnici integrati sul benessere animale, per monitorare il benessere degli animali a livello europeo negli allevamenti, durante il trasporto e al momento della macellazione.



SOA 9: Stato di avanzamento dei lavori

- **Task 1:** network of relevant stakeholders 
 - elenco di stakeholders potenziali fornitori di dati su benessere animale.
 - somministrazione questionario per la possibilità di fornire i dati e/o di entrare nel network.
- **Task 2:** Collection of existing welfare measures, methods, protocols and tools
 - ricerca bibliografica su protocolli/misure esistenti per la valutazione del benessere 
- **Task 4:** Assessment of candidate indicators for routine and large-scale monitoring of animal welfare 
 - selezione ABMs: pododermatiti, lesioni, disordini gastrointestinali, resting, animali sporchi)
 - analisi dei protocolli per standardizzazione della misura delle ABMs da validare in campo



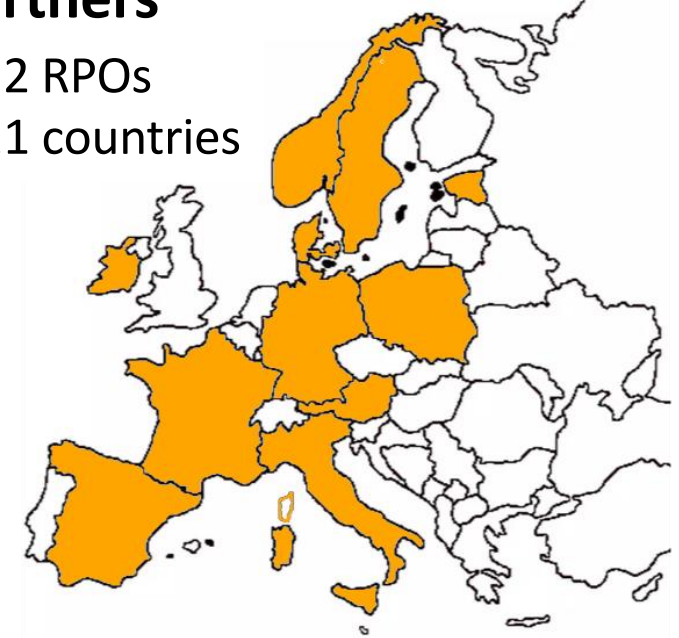
SOA17: Sustainability aspects of livestock systems promoting AW

Obiettivo

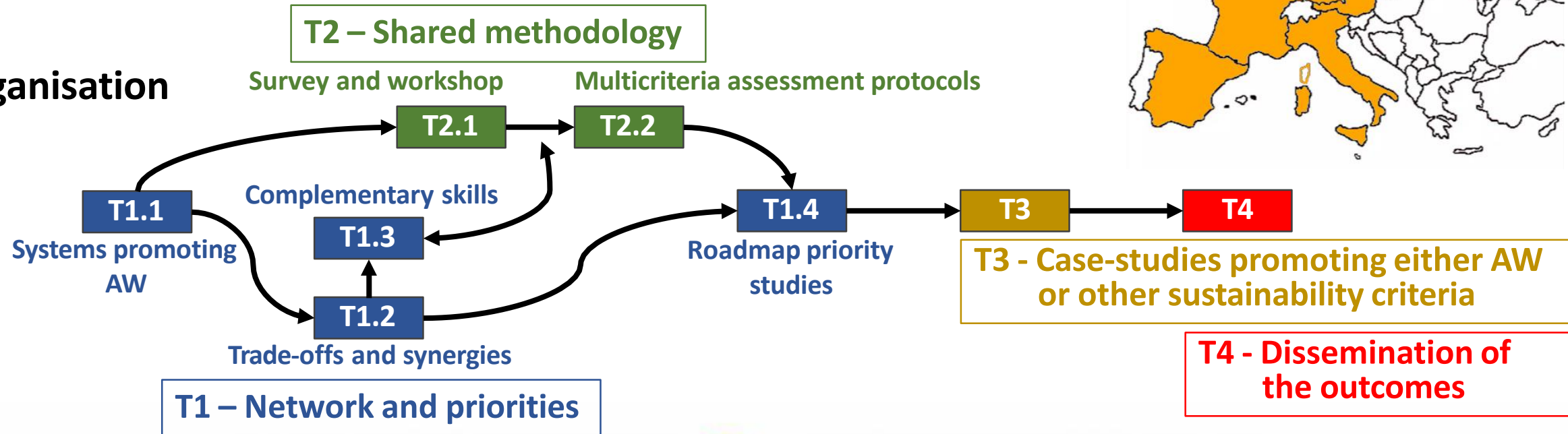
Creare una rete multidisciplinare per facilitare l'inclusione del benessere animale come parte della valutazione della sostenibilità dei sistemi di allevamento, coprendo tutti gli aspetti della produzione (in azienda, durante il trasporto e al macello) e tutti i settori dell'allevamento.

Partners

- 22 RPOs
- 11 countries



Organisation



SOA 17: Stato di avanzamento dei lavori

TASK 1

Task 1.1 Systems promoting animal welfare

- Identificazione di welfare consequences/threats in allevamento, trasporto e macello e categorizzazione (Health, Nutrition, Behaviour, Mental, Environment - Housing condition, Management, Genotype, Feeding)
- Identificazione di Best Practice (letteratura scientifica e expert opinion)
- Identificazione dei sistemi di allevamento nei quali le BP possono essere implementate

Task 1.2 Trade-off and synergies

- Ricerca bibliografica per relazione fra best practice e sostenibilità (sociale, ambientale ed economica)
- Valutazione di trade-off e sinergie



SOA 14: Livestock and fish welfare at slaughter and transport

- **Objectives**

- Overview of existing methods/protocols to assess (un)consciousness and death including gaps of knowledge for different species.
- Develop objective assessment methods, tools and protocols to assess (un)consciousness and death at slaughter and on farm or in transit
- Communication & dissemination to make protocols or assessment methods available to stakeholders.



SOA 14: Task 1

- **Task 1.1:** Revision of existing indicators, methods & protocols including gaps of knowledge for consciousness, death and welfare assessment at slaughter
- **Task 1.2:** Develop or validate indicators to assess state of consciousness and death at slaughter, list potential indicators for other welfare issues



- Rabbits stunned with head only systems

- **Task 1.3:** Develop protocols with indicators and methods for assessment of (un)consciousness and death and general welfare assessment at SL (pre stun shock, induction, eye burned...)



- Based on the outputs of subtasks 1.1 and 1.2

- **Task 1.4:** develop training material to perform (un)consciousness and death assessment.



SOA 14: Task 2

- **Task 2.1:** Overview of existing indicators, methods & protocols including gaps of knowledge on the assessment of welfare during induction to unconsciousness, of consciousness and death (on-farm killing).



- Review + survey of euthanasia and emergency killing methods in the EU (in progress)
- **Task 2.2:** Validate indicators and develop protocols and methods for assessing state of consciousness and welfare and death during individual killing.
- **Task 2.3:** Validate indicators and develop protocols and methods for assessing state of consciousness and welfare and death during collective killing.
- **Task 2.4:** Developing training material to proceed to assessment of (un)consciousness of poultry and rabbits during on farm euthanasia, depopulation and emergency killing.



Thank you for your attention!

angela.trocino@unipd.it, clara.tolini@unipd.it



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