



Food and Agriculture
Organization of the
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FAO activities on avian influenza in Europe and Central Asia

Standing Group of Experts on High Pathogenicity Avian Influenza in Europe
under the GF-TADs umbrella - First Meeting (SGE HPAI-1)

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FAO Regional office for Europe and Central Asia (REU)



Emergency Technical Cooperation Program (TCP) project in Ukraine

- Feasibility assessment of compartmentalization of some major poultry farms
- Online training on AI diagnostics
- Laboratory Mapping Tool (LMT) with focus on AI
- AI surveillance assessment of the current situation
- Online assessment of the surveillance systems with a focus on AI using the Surveillance Evaluation Tool (SET) - planned
- Procurement for laboratory diagnosis
- Awareness raising among farmers in high-risk areas



Online training - Virtual Learning Centre (VLC)

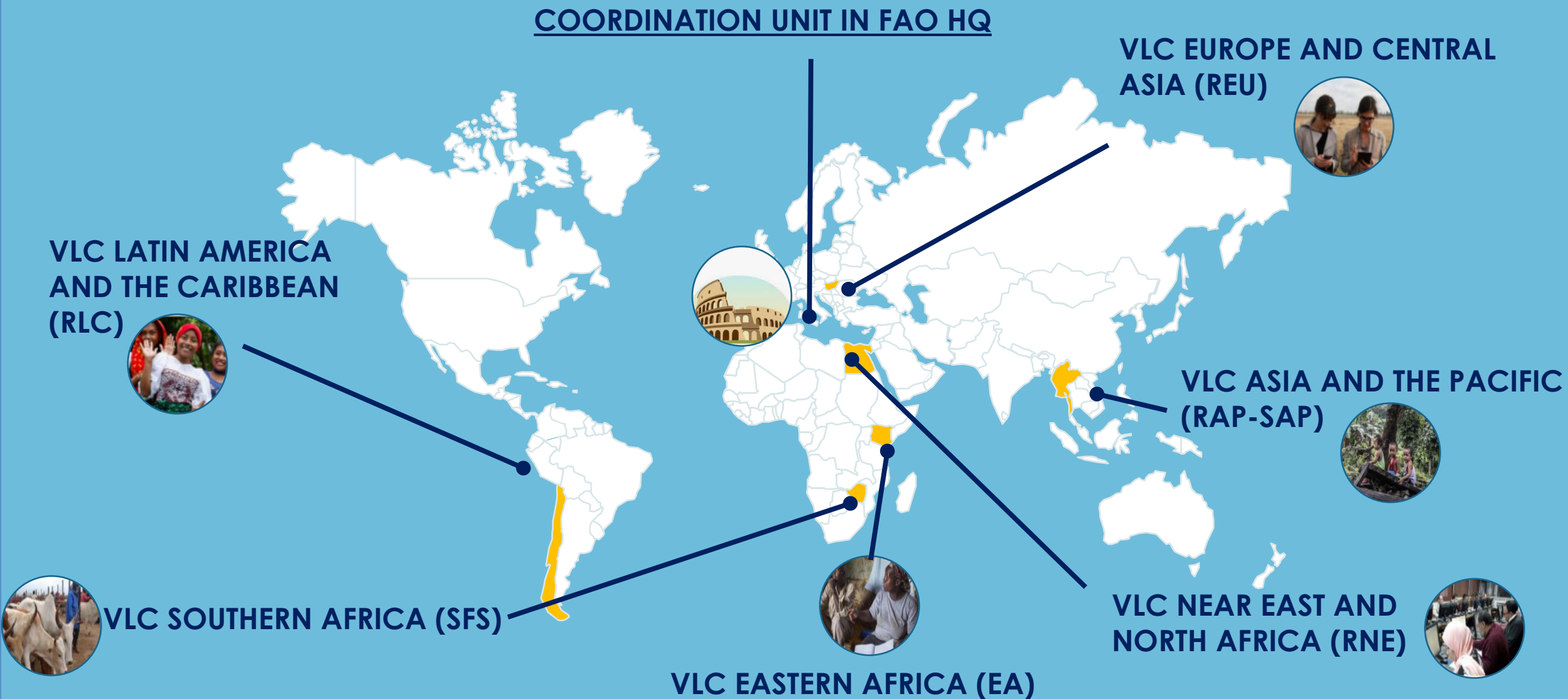
- Provide broad and high-quality training to professionals around the world
- VLC trainings support One Health capacity development, the 2030 Agenda and the Sustainable Development Goals (SDGs 1, 2, 5 and 10)
- Learning hubs based in FAO Regions and Sub-Regions



**FAO
Virtual
Learning
Centers**

**Building capacity for
effective online learning
tailored to regional needs**

The VLC Model

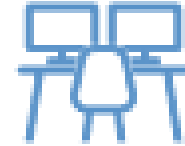




MAIN ADVANTAGES

- ✓ Reach out to large audiences (up to 500) in remote areas
- ✓ Mobile first solutions, e.g. Articulate Rise and Articulate Storyline, Zoom...
- ✓ Scalable and Cost-effective
- ✓ Reduced environmental footprint
- ✓ Flexibility and suitability (e.g. devices, access time, forum)
- ✓ Certified (through assessments)
- ✓ Customized

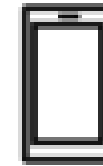
Self-study



Tutored



Webinars



An Introduction to
One Health





Customization, collaborations and process

Customization

- ✓ Adapted to the region, country, audience, language...
- ✓ Often adapted between regions
- ✓ Different modalities (open access, tutored, just webinars)
- ✓ Combination of teaching tools: self-study modules, discussion forum, webinars, online exercises...

Coordination and collaborations

- ✓ Network of Training Focal Points in each country;
- ✓ Training Needs Assessment (TNA) Survey;
- ✓ Nomination procedures (VS, self-enrolment);
- ✓ Collaboration with other FAO units, partners and organisations, e.g. GFTADs, Quadripartite...



VLC Europe and Central Asia (REU)

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The Virtual Learning Center for Europe and Central Asia (VLC REU) has been established to support the digital learning capabilities of the region. The initial focus of the VLC REU is to support animal health professionals, focusing on transboundary animal diseases (TADs) such as African swine fever, lumpy skin disease and Avian influenza and their control. Over time, the Center is foreseen to expand to plant health, aquaculture and other technical areas based on the needs of the region and will support face-to-face activities where needed. Special attention will be given to on-demand tailored courses and adaptations to local languages and context.



Curso de preparación frente a la Peste Porcina Africana para España

[Find out more](#) >



Virtual Learning Course on Stamping Out

[Find out more](#) >



Курс по обеспечению готовности к гриппу птиц

[Find out more](#) >



Training workshop on the OUTbreak COSTing Tool (OutCost)

[Find out more](#) >



Курс по обеспечению готовности к заражаемому узелковому дерматиту (ЗУД) крупного рогатого скота

[Find out more](#) >



Regional training workshop on risk-based approaches for peste des petits ruminants (PPR) prevention, control and eradication

[Find out more](#) >



Online trainings

Before VLCs: online courses on ASF and LSD since 2019

Date	Topic	Language	# Participants	Status
Nov-Dec 2021	ASF Preparedness Course	Russian	300	Finished
Jan-Feb 2022	AI Preparedness Course: Global	English	360	Finished
Apr-May 2022	LSD Preparedness Course	Russian	350	Finished
Apr 2022	Outbreak Costing Tool (OutCosT)	English	30	Finished
Nov-Dec 2022	Stamping out	English	100	Finished
Nov-Dec 2022	AI Preparedness Course	Russian	300	Finished
Feb-Mar 2023	ASF Preparedness course	Spanish	~ 500	Finished
Mar-Apr 2023	AI Preparedness Course	Ukrainian	~ 250	Ongoing
May-Jun 2023	Stamping out	Russian	~ 100	Planned
May-Jun 2023	ASF Preparedness Course	English	-	Planned

Typically, courses are:

- 10-15 hours of study
- Over 4-5 weeks
- Self-paced (interactive modules)
- Tutored (webinars and forum)
- Certified

On the pipeline (in development):

- One Health
- Sheep and Goat Pox preparedness
- Ruminant biosecurity
- Food Loss and Waste



Avian Influenza Preparedness Course

Tutored 4 weeks-course:

- ❖ Week One: Introduction to AI and Epidemiology
- ❖ Week Two: Clinical and Laboratory Diagnosis
- ❖ Week Three: Prevention and Surveillance
- ❖ Week Four: Outbreak Investigation, Response and Control

Russian course (Nov-Dec 2022)

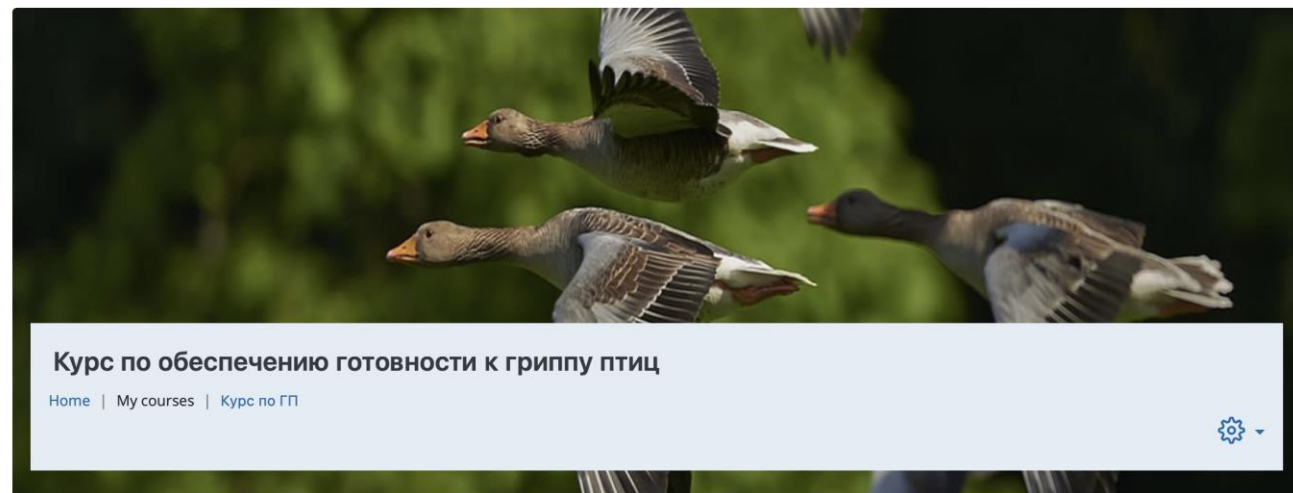
- 245 participants from 14 countries:
 - Armenia (5), Azerbaijan (18), Belarus (26), Estonia (3), Georgia (5), Kyrgyzstan (6), Kazakhstan (58), Lithuania (17), Latvia (23), Moldova (18), Russian Federation (56), Turkmenistan (2) and Ukraine (7)
- 64% completion from logged-in (34% of total)

Ukrainian course (Mar-May 2023)

- Registered participants – 245

FAO Virtual Learning Centers

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Обзор курса

Добро пожаловать на Курс по обеспечению готовности к гриппу птиц. Целью этого курса является приобретение знаний и навыков по выявлению, профилактике и реагированию на вспышки гриппа птиц (ГП) среди технических специалистов и полевых ветеринаров.

В течение следующих четырех недель мы будем вместе работать над рядом тем, связанных с ГП, включая эпидемиологию, патогенез, клинические проявления, лабораторную диагностику, профилактику, надзор и расследование вспышек. Курс будет включать в себя различные мероприятия, включая вебинары в реальном времени, интерактивные онлайн-модули и групповые обсуждения на онлайн-форуме.

Course completion status

You are currently not being tracked by completion in this course

[View course report](#)



Stamping Out Course

Tutored 8-module course

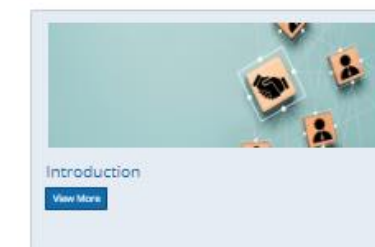
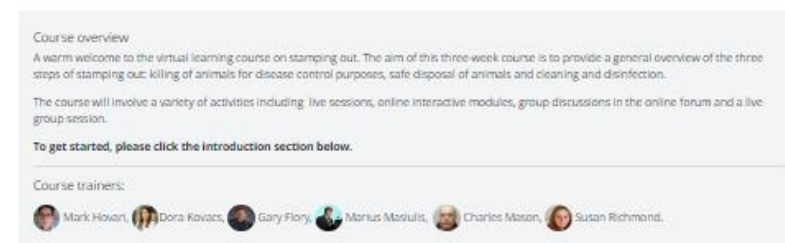
- English language, tutored, 7 modules
- Covers the three steps of stamping out
- Practice sessions (5 in total)
- Videos and instructions on killing of animals for disease control purposes

English course (Nov-Dec 2022)

- 89 participants from 21 countries
- 85% completion from logged-in (66% of total)

Russian course (May-Jun 2023)

- 150 nominees from 14 countries



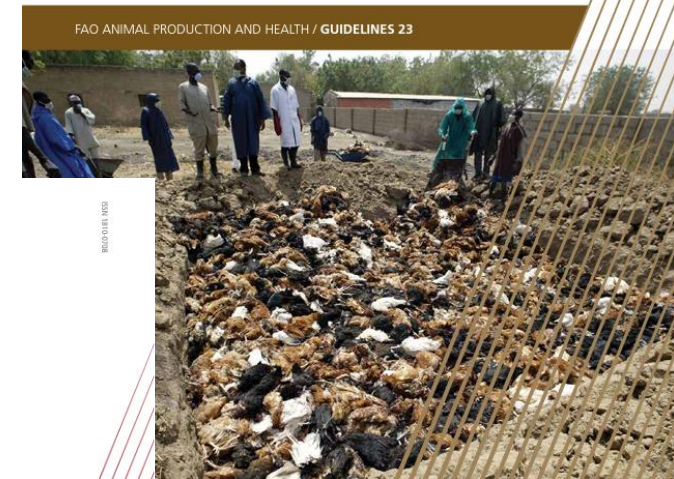


AI-relevant documents

- [Guidelines for livestock vaccination campaigns - From collection to injection](#) (EN, RU in preparation)
- [Carcass management guidelines - Effective disposal of animal carcasses and contaminated materials on small to medium-sized farms](#) (EN, AR, RU, FR, ES, CH, ALB, MCD, SRB)
- Guidelines of killing of animals for disease control (in preparation)

Carcass management guidelines

Effective disposal of animal carcasses and contaminated materials on small to medium-sized farms



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Guidelines for livestock vaccination campaigns

From collection to injection





OUTbreak COSTing Tool: OUTCOST

- Developed by FAO REU and the Autonomous University of Barcelona (UAB)
- New FAO spreadsheet-based tool to evaluate the direct cost of disease outbreaks and their control
- Can be retroactively (real outbreak data) or with hypothetical scenarios/management strategies
- [Webinar](#) on 6 April 2022
- [Training workshop on OutCosT](#) held on 25-29 April 2022 with 31 participants
- OutCosT-PIG & OutCosT-RUM – Currently being adapted to poultry
- To be validated with data:
 - 4-5 countries from 3-4 continents
 - Different diseases: AI and Newcastle disease



FAO Virtual Learning Centers

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Training workshop on the OUTbreak COSTing Tool (OutCosT)



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Thanks