

One-health Technologies

Advanced Skills Course

Kenyatta University
Nairobi (Kenya)

February 9th – 13th 2026



Afya Moja (in Swahili «One Health»)

- **Health Technology: from capacity building to capacity strengthening**
- Strengthening African capacities, according to UN best practices, in health technologies design, assessment, maintenance, commercialization and disposal
- Following the «One Health» approach the project spans across four interrelated Reference Use Cases:
 - Biomedical engineering
 - Medicine and surgery
 - Nutrition and agriculture
 - Veterinary medicine and animal production





Finanziato
dall'Unione europea
NextGenerationEU



Ministero
dell'Università
e della Ricerca



Italiadomani
PIANO NAZIONALE
DI RIPRESA E RESILIENZA



UNIVERSITÀ
DI PISA

Afya Moja

- 5 Italian institutions & 32 African Partners



Please visit <https://afyamoja.unicampus.it>

Afya Moja

- 5 Italian institutions & 32 African Partners + Networks and Supporters



Afya Moja

- Activities
- Mobilities for
 - Students – research & credit seeking – long term
 - Lecturers – teaching – short term





Finanziato
dall'Unione europea
NextGenerationEU



Ministero
dell'Università
e della Ricerca



Italiadomani
PIANO NAZIONALE
DI RIPRESA E RESILIENZA



UNIVERSITÀ
DI PISA

Afya Moja

• Activities

• Advanced Skill Courses

- Bootcamp on AI (Cambridge Sept 2025)
- Health Technology Management (Bologna Dec 2025)
- Biomedical Engineering (Bari Jan 2026)
- One Health Technologies (Nairobi Feb 2026)
- One Health Empowerment (Naples Feb 2026)
- Ultrasound (Bologna, May 2026)



Please visit <https://afyamoja.unicampus.it>



Finanziato
dall'Unione europea
NextGenerationEU



Ministero
dell'Università
e della Ricerca



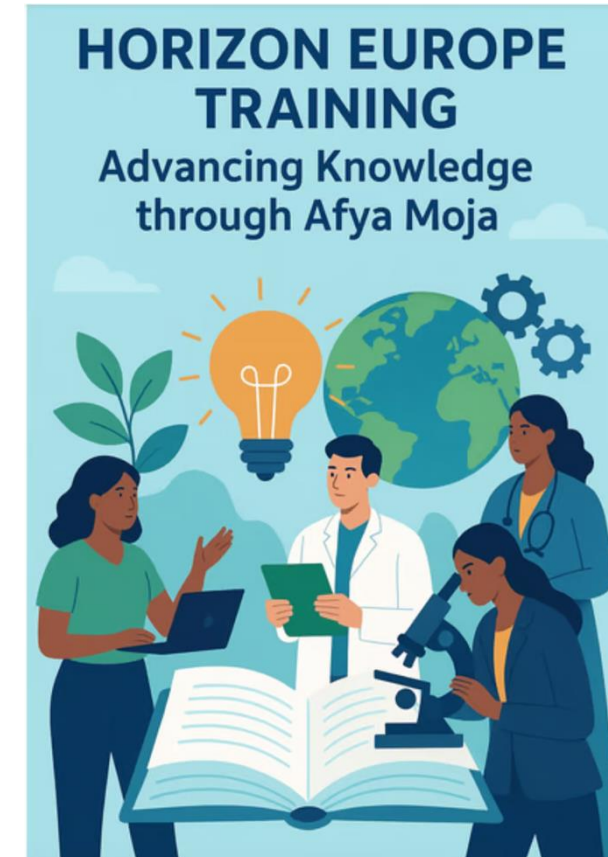
Italiadomani
PIANO NAZIONALE
DI RIPRESA E RESILIENZA



UNIVERSITÀ
DI PISA

Afya Moja

- **Activities**
- **Training Course**
 - Horizon Europe Training: “Advancing Knowledge through Afya Moja”
 - Available for Afya Moja partners on the IFMBE eLearning platform for preparing applications to European Union’s Framework Programme for Research and Innovation (2021–2027), the world’s largest transnational research programme, with a budget of €95.5 billion.



Advanced Skill Course (ASC) on “One health Technologies”

- **Learning goal**
- Increase the awareness of complex interactions between the different forms of life
- Increase the knowledge on appropriate technologies for technological solutions to one-health challenges



ASC “One-health Technologies”

- Program overview
- 5 thematic days
 - Introduction to One Health
 - Appropriate Technologies
 - One Health for Human Medicine
 - One Health in Agrivet
 - One Health and Society

	Monday	Tuesday	Wednesday	Thursday	Friday	
Topic	Introduction to One health	Appropriate and enabling technologies for One-health	One health approach for human medicine	One health approach in Agri-vet	One health and society	
Morning	Registration & Opening ceremony	Fundamentals of Digital Fabrication	Context based design of medical devices	One-health Technologies in agriculture	Ethics in One health	
	Introduction to one-health	Fundamentals of electronic rapid prototyping	Health technology maintenance	One-health technologies in veterinary medicine	Management of public health	
	Participants pitch					
Light lunch						
Afternoon	One-health and the sustainable development goals	Fundamentals of AI		One health and patient management AI in biomedicine	Participants presentations	
				The UBORA platform		
	Participants Pitch and project (Hands on)	Participants project (Hands on)	Workshop on AI	Participants project (Hands on)	Workshop on Computational modelling	Cultural Activities
						Closing ceremony



ASC “One-health Technologies”

- In numbers
- 5 days
- 24 lectures
- 2 workshops
- 44 participants (30 scholarships)
- 28 speakers
- 19 Institution
- 9 countries

	Monday	Tuesday	Wednesday	Thursday	Friday	
Topic	Introduction to One health	Appropriate and enabling technologies for One-health	One health approach for human medicine	One health approach in Agri-vet	One health and society	
Morning	Registration & Opening ceremony	Fundamentals of Digital Fabrication	Context based design of medical devices	One-health Technologies in agriculture	Ethics in One health	
	Introduction to one-health	Fundamentals of electronic rapid prototyping	Health technology maintenance	One-health technologies in veterinary medicine	Management of public health	
	Participants pitch					
	Light lunch					
Afternoon	One-health and the sustainable development goals	Fundamentals of AI		One health and patient management	Participants presentations	
			AI in biomedicine	Cultural Activities		
			Workshop on AI		The UBORA platform	
	Participants Pitch and project (Hands on)	Participants project (Hands on)	Workshop on AI	Participants project (Hands on)	Workshop on Computational modelling	Closing ceremony





Finanziato
dall'Unione europea
NextGenerationEU



Ministero
dell'Università
e della Ricerca



Italiadomani
PIANO NAZIONALE
DI RIPRESA E RESILIENZA



UNIVERSITÀ
DI PISA

Survey

- <https://forms.gle/bGN7tZR4hsMzMFvV8>



One-health Technologies

Advanced Skills Course

Kenyatta University
Nairobi (Kenya)

February 9th – 13th 2026

