The PRIMA programme is supported under Horizon 2020, the European Union’s Framework Programme for Research and Innovation.

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Section 1

**Topic 1.2.1 Genetic conservation and animal feeds**

- Sub Topic A: RIA Conservation and valorisation of local Animal Resources
- Sub Topic B: IA Alternative Animal feeds

Section 2

- **Topic 2.2.1 RIA Redesign Ago-livelihood systems to ensure resilience**

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• SECTION 1: Topic 1.2.1 Genetic conservation and animal feeds

Challenge

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SECTION 1: Topic 1.2.1 sub topic A: RIA Conservation and valorisation of local Animal Resources

Scope

Adapted to Med conditions

Resistant to diseases and parasites

Resistant to heat stress

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@MC egyptophile.blogspot.com
**SECTION 1: Topic 1.2.1 sub topic A: RIA Conservation and valorisation of local Animal Resources**

**Scope / Approach**

- **Mapping/monitoring**
- **Genetic / genomic studies**
- **Promotion and Valorisation**

**Adapted to Med conditions**

- **Resistant to**
- **Med conditions**

- **Resistant to**
- **heat stress**

- **Resistant to**
- **diseases and parasites**

- **Farmers**
- **Extension services**
- **Agro food value chain consumers**
- **Socio economists**
  ...

**Products of high quality and high added value for the farmers**

**Budget for the call : 3.5 M€**

**Budget per project: 1.75M€**

**Duration 36-48 months**

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SECTION 1: Topic 1.2.1 sub topic B: IA Alternative Animal feeds

Scope /approach

Local production of animal feeds

Demo site

Test effects on:
- Production
- Quality of the products
- Evaluate: Socio economic and Environmental impacts

Circular economy approach
Mix farming systems

Farmers
Socio economists
Feed suppliers
Main stakeholders...

Budget for the call: 7,2 M€
Budget per project: 2,4 M€
Duration 36-48 months
SECTION 2: Topic 2.2.2 RIA Redesign agro-livelihood systems to ensure resilience

Challenge

Monoculture damage soil and water resources

High risk of losing the yield after extreme events

Huge variability and uncertainty for farmers' incomes

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SECTION 2: Topic 2.2.2 RIA Redesign agro-livelihood systems to ensure resilience

Scope / approach

Design RESILIENT FARMING SYSTEMS to maintain YIELDS AND INCOMES AFTER EXTREM EVENTS

- Agro ecological approach
- Crop rotation and diversification
- Perennial species
- Mix farming systems
- Circular economy approach
- Valorization of ecosystems services
- Ensure fair and stable incomes to small farmers

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Budget for the call : Global section 2
Budget per project: Around 1 M€
Duration 36-48 months
Expected Impacts farming systems topics (S1 and S2)

CONCRETE SUSTAINABLE SOLUTIONS FOR SMALL FARMERS UNDER CLIMATE CHANGE SCENARIO

- Resilient systems
- Conservation and valorisation of local adapted breeds
- Local and affordable feeds
- High quality / added value products
- Increase the incomes and satisfaction of small farmers

Establishment of
- Demo sites / living lab
- Guidance / training for farmers
- Coordination of the actors
- Development of new value chains

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KPI - SGD for farming systems topics

- Number of innovations in farming systems developed enabling sustainable and efficient agriculture and food systems

- SDG#2 Indicator 2.4.1 Proportion of agricultural area under productive and sustainable agriculture

- SDG#2- Indicator 2.5.1: Number of plant and animal genetic resources for food and agriculture secured in either medium or long-term conservation facilities

- SDG#2- Indicator 2.5.2 Proportion of local breeds classified as being at risk, not-at-risk or at unknown level of risk of extinction

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