



Food and Agriculture Organization  
of the United Nations

# SDG 2.4.1

## Sustainable Agriculture Indicator

WHAT  
HOW  
WHO

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Sustainable Agriculture, FAO

**by March 2017...**

# SDG 2.4.1

**Environment**

**Social**

**Economic**

**Resilience**

**Governance**



**Soil**



**Water**



**Land**



# **Sustainable** Food and Agriculture

**Environment**



**Social**



**Economic**



**Resilience**



**Governance**



**Enhancing the resilience of people, communities and ecosystems**

**improving rural livelihoods, equity and social well-being**

**efficient use of resources**

**conserving, protecting and enhancing natural ecosystems**

**Promoting responsible and effective governance**



# **Sustainable** Food and Agriculture



**Environment**



**Social**



**Economic**



**Resilience**



**Governance**



# **FAO and the SDGs** **implementation**

## **Enable Sustainable Development in Agriculture, Fisheries and Forest**

**Protect biodiversity, foster sustainable agriculture, promote sustainable use of natural resources**

## **End Hunger, Malnutrition and Poverty**

**End hunger, all forms of malnutrition, and rural poverty; promote sustainable food and agriculture systems**

## **Combat and Adapt to Climate Change**

**Adaptation and mitigation, climate smart food and agriculture, climate change preparedness and resilience**

# **LEAVE NO ONE BEHIND**

# **FAO and the SDGs** **monitoring**





169 targets

# 21 indicators

231 indicators

# TIER 1

15 LIFE ON LAND



Agriculture Organization  
United Nations

indicator

15.1.1

**Forest area as a percentage  
of total land area**

# TIER2

2 NO  
HUNGER



Agriculture Organization  
United Nations

indicator

# 2.5.2

**Proportion of local breeds,  
classified as being at risk,  
not-at risk or unknown  
level of risk of extinction**



# TIER3

2 NO  
HUNGER



Agriculture Organization  
United Nations

indicator

2.4.1

**Proportion of agricultural  
area under productive and  
sustainable agriculture**

# SDG 2.4.1

Area under **productive and sustainable agriculture**

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Agricultural area



arable land +  
permanent crops +  
permanent meadows and pastures

# SDG 2.4.1

**Environment**



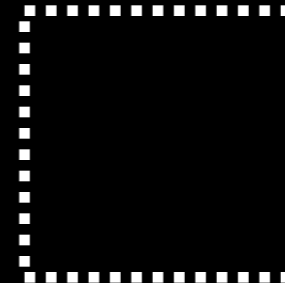
**Social**



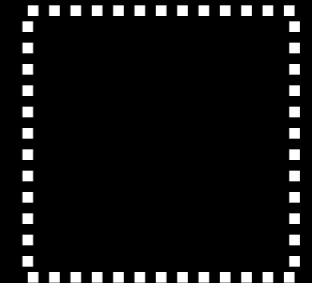
**Economic**



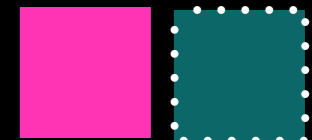
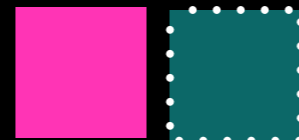
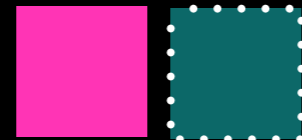
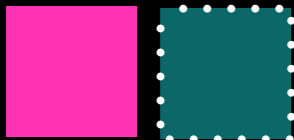
**Resilience**



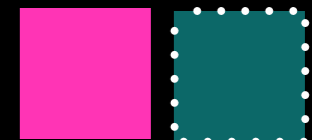
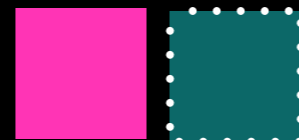
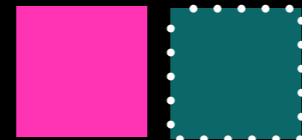
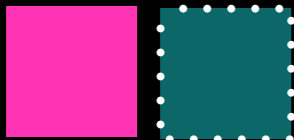
**Governance**



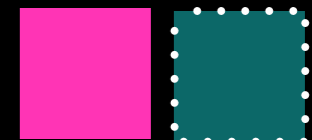
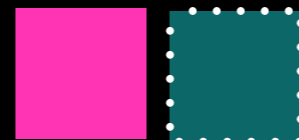
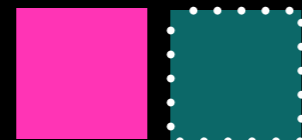
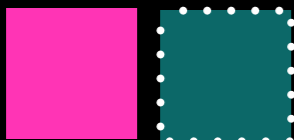
**Soil**



**Water**



**Land**





# Unit of measure



household

farm

individual



# ing data

- Administrative records
- Household surveys
- Specialized studies
- GIS/remote sensing

Field No. 10107  
Name of farmer: WILLIAM  
Name of farm: MANYS  
Date of recording: 20th Feb 1953

**A. TENURE**

Full time farmer	<input checked="" type="checkbox"/>
Part time farmer	<input type="checkbox"/>
Season time farmer	<input type="checkbox"/>
Hobby farmer	<input type="checkbox"/>
Other type	<input type="checkbox"/>

**B. CONDITIONS OF FARM**

1. Proportion (%) of area on which soil is <input type="checkbox"/> Heavy <input type="checkbox"/> Medium <input checked="" type="checkbox"/> Light	
2. Is farm continuously laid out?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
3. Proportion (%) of farm which is naturally <input type="checkbox"/> level <input checked="" type="checkbox"/> sloping <input type="checkbox"/> hilly	
4. Situation in regard to road	<input checked="" type="checkbox"/>
5. Situation in regard to railway	<input checked="" type="checkbox"/>
6. Condition of farmhouse	<input checked="" type="checkbox"/>
7. Condition of buildings	<input checked="" type="checkbox"/>
8. Condition of farm roads	<input checked="" type="checkbox"/>
9. Condition of fences	<input checked="" type="checkbox"/>
10. Condition of ditches	<input checked="" type="checkbox"/>
11. General condition of field drainage	<input checked="" type="checkbox"/>
12. Condition of cottages	<input checked="" type="checkbox"/>
13. Number of cottages within farm area	<input checked="" type="checkbox"/>
14. Number of cottages elsewhere	<input checked="" type="checkbox"/>
15. Number of cottages let on service tenancy	<input checked="" type="checkbox"/>

**C. WATER AND ELECTRICITY**

Water supply			
1. To farmhouse	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. To farm buildings	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. To fields	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4. Is there a seasonal shortage of water?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Electricity supply			
1. Public light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Public power	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Private light	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Private power	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Is it used for household purposes?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Is it used for farm purposes?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**D. MANAGEMENT**

1. Is farm classified as A, B or C?	<input checked="" type="checkbox"/>
2. Reasons for B or C	
old age	<input type="checkbox"/>
lack of capital	<input type="checkbox"/>
personal failings	<input type="checkbox"/>
If personal failings, details	

**E. CONDITION OF ARABLE LAND**

1. Condition of arable land	Good <input type="checkbox"/>	Fair <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>	Bad <input type="checkbox"/>
2. Condition of pasture	Good <input type="checkbox"/>	Fair <input checked="" type="checkbox"/>	Poor <input type="checkbox"/>	Bad <input type="checkbox"/>
3. Use of fertilizers on arable land	Adapted <input type="checkbox"/>	To some extent <input checked="" type="checkbox"/>	Not at all <input type="checkbox"/>	
4. Use of fertilizers on green land	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Field information recorded by: J. J. B. & J. J. B.  
Date of recording: 20th Feb 1953

# Ownership

**Environment**



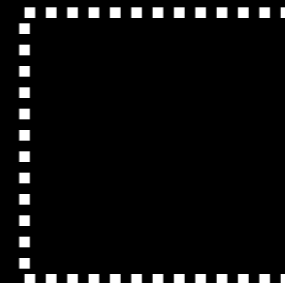
**Social**



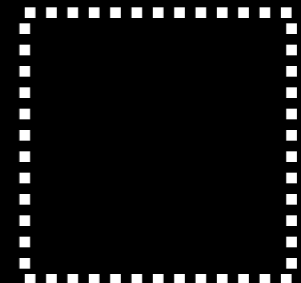
**Economic**



**Resilience**



**Governance**



**Countries**

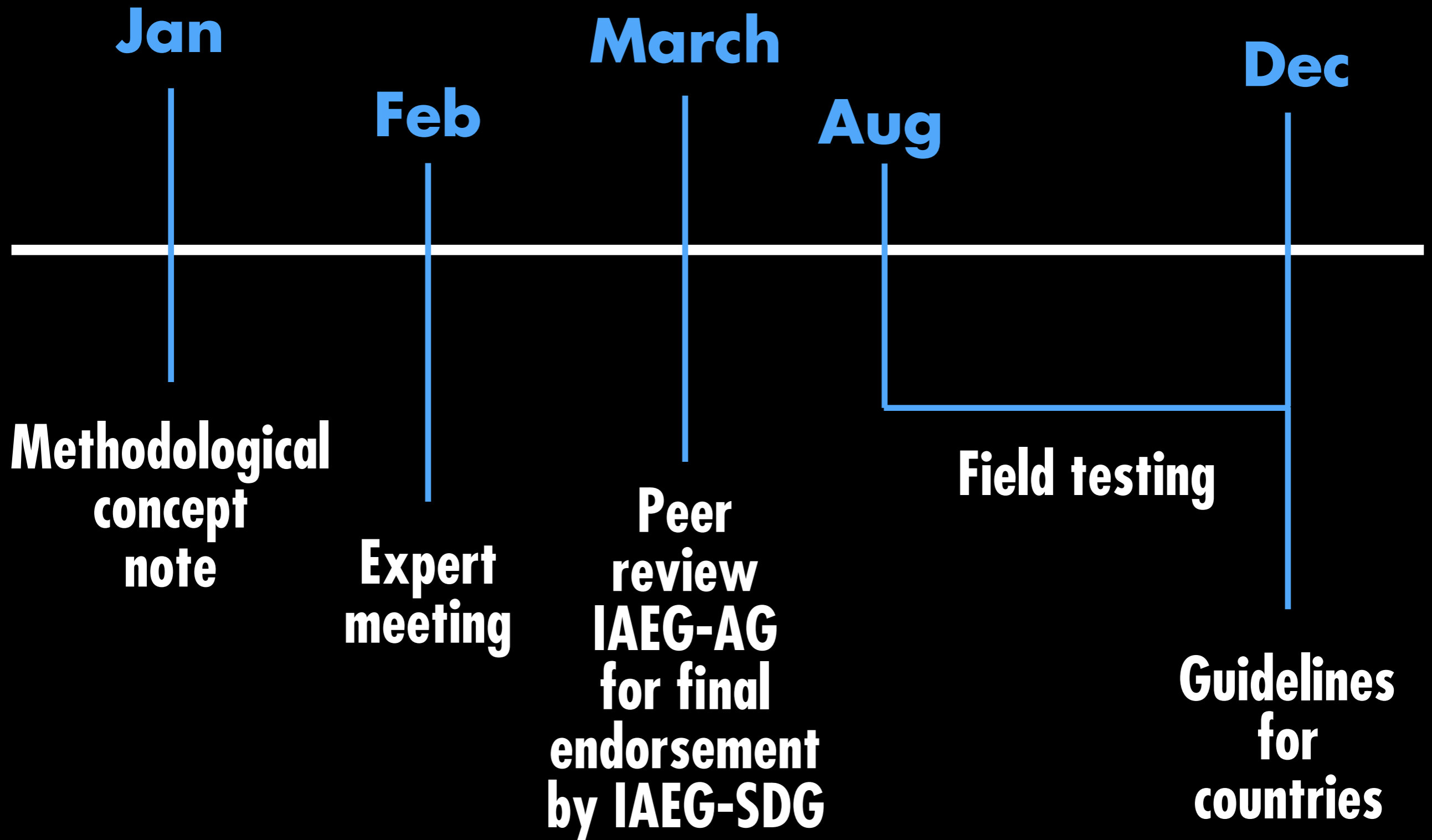
**Private sector**

**Civil society**

**International organizations**

**Statisticians and technicians**

# Timeline 2017





1 NO POVERTY



2 NO HUNGER



3 GOOD HEALTH



4 QUALITY EDUCATION



5 GENDER EQUALITY



6 CLEAN WATER AND SANITATION



7 RENEWABLE ENERGY



8 GOOD JOBS AND ECONOMIC GROWTH



9 INNOVATION AND INFRASTRUCTURE



10 REDUCED INEQUALITIES



11 SUSTAINABLE CITIES AND COMMUNITIES



12 RESPONSIBLE CONSUMPTION



13 CLIMATE ACTION



14 LIFE BELOW WATER



15 LIFE ON LAND



16 PEACE AND JUSTICE



17 PARTNERSHIPS FOR THE GOALS



THE GLOBAL GOALS  
For Sustainable Development

thank you