Illicit Crop Cultivation

Socio-Economic Conditions of Households

Eradication

Alternative Development

Outcomes

Responses to illicit cultivation
Ideal Metrics

Outcomes

• Illicit Crop Cultivation (Hectares)
• Number of households cultivating illicit crops
• Socio-Economic Conditions of communities with illicit cultivation

Responses

• Eradication (Hectares)
• Alternative Development
  – Budget ($)
  – Number of Projects
  – Number of Beneficiaries (direct, indirect, cultivating illicit crops, non-cultivating illicit crops)
Land cover change

Poppy in Murghab, 2017

Wheat, 2018

Socio-economic change

Two radar charts showing ODS1 to ODS16 for comparison.
Drivers of Illicit Crop Cultivation

- Security and Governance (also Inhibiting Responses)
- (Income and Non-Income) Poverty
- Debt and Access to Finance
- Land Ownership and accessibility
- Access to Markets
- (Farm and Non-Farm) Employment
- Remoteness / Isolation
Opium Poppy and Coca (Global)

Colombia (2001-2018)

Bolivia (2008-2018)
Coca Leaf, Cocaine Base Paste, Cocaine Base and Cocaine Prices in Colombia (2017-2018)

- **Hoja de coca fresca**
  - 2017: 2.100 COP/kg
  - 2018: 2.250 COP/kg
  - Increase: 2017-2018 7.1%

- **Pasta básica de cocaína**
  - 2017: 1.633.500 COP/kg
  - 2018: 1.665.000 COP/kg
  - Increase: 2017-2018 1.9%

- **Base de cocaína**
  - 2017: 2.279.300 COP/kg
  - 2018: 2.308.200 COP/kg
  - Increase: 2017-2018 1.3%

- **Clorhidrato de cocaína**
  - 2017: 4.449.500 COP/kg
  - 2018: 4.970.600 COP/kg
  - Increase: 2017-2018 11.7%

Dry Opium Poppy Farm-Gate Prices in Afghanistan (2004-2019)

- **Average Price US$/Kg**
- The graph shows the average price of opium poppy farm-gate prices in Afghanistan from 2004 to 2019.
Eradication of Coca in Colombia (2001-2016)

Eradication of Opium Poppy in Myanmar (2007-2018)
Research on Number of Households Cultivating Illicit Crops
Number of Households Cultivating Illicit Crops

Number of Households Cultivating Illicit Crops (Range)

- Total Households
- Opium Poppy Households
- Coca Households

Low | High
---|---

Remote sensing
Socio-economic surveys
Agricultural Census data
Research on Global Overview of Alternative Development

Availability:
Total Annual Budget of AD Projects per Country and Year (USD million, 2013-2017), N=51*
Total Budget of Closed* AD Projects by Duration in Years (2013-2017), USD Millions, N=17**

- **2-4 years (n=2)**: 5.7 USD Million
- **4-6 years (n=8)**: 81.3 USD Million
- **6-10 years (n=7)**: 382.1 USD Million

*Includes only projects that have concluded as of the report date.

**Does not include projects that are still ongoing or not yet concluded.

Legend:
- Afghanistan
- Colombia
- Peru
- Bolivia
- Myanmar
% Closed* AD Projects by Individual Budget Size and Total Duration in Years (2013-2017), N=17**

- 2-4 years (N=2): 12%
- 4-6 years (N=8): 47%
- 6-10 years (N=7): 41%

[Legend: < USD 150 thousand, ≥ USD 150 thousand to < 5 million, ≥ USD 5 million to < 20 million, ≥ USD 20 million to < 100 million, ≥ USD 100 million]
Number of AD projects by main objectives and starting year (2013-2017), Colombia, N=13

<table>
<thead>
<tr>
<th>Year</th>
<th>Count (N)</th>
<th>Objectives</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013</td>
<td>3</td>
<td>Introduction of high value crops</td>
</tr>
<tr>
<td>2014</td>
<td>1</td>
<td>Counteract deforestation / nat. res. Conservation</td>
</tr>
<tr>
<td>2016</td>
<td>4</td>
<td>Counteract deforestation / nat. res. Conservation</td>
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<tr>
<td>2017</td>
<td>5</td>
<td>Counteract deforestation / nat. res. Conservation</td>
</tr>
</tbody>
</table>
Total Number of Targeted Households as Intended by Alternative Development Projects (2013-2017), N=45*

- 2013 (N=26): 140,000
- 2014 (N=30): 160,000
- 2015 (N=30): 180,000
- 2016 (N=35): 60,000
- 2017 (N=35): 40,000

Legend:
- $< \text{USD 150 thousand}$
- $\geq \text{USD 150 thousand to < 5 million}$
- $\geq \text{USD 5 million to < 20 million}$
- $\geq \text{USD 20 million to < 100 million}$
- $\geq \text{USD 100 million}$
Research on Impact Assessment of Alternative Development Projects
Framework for the Impact Assessment of Alternative Development Projects

- Need Assessment and Baseline Report
  - Headmen survey
  - Household survey
  - Consumer survey
  - Women focus groups

- Impact Assessment and Endline Report
  - Headmen survey
  - Household survey
  - Consumer survey
  - Women focus groups

- Land cover (baseline) ➔ Land cover (endline)

- Treatment and control communities