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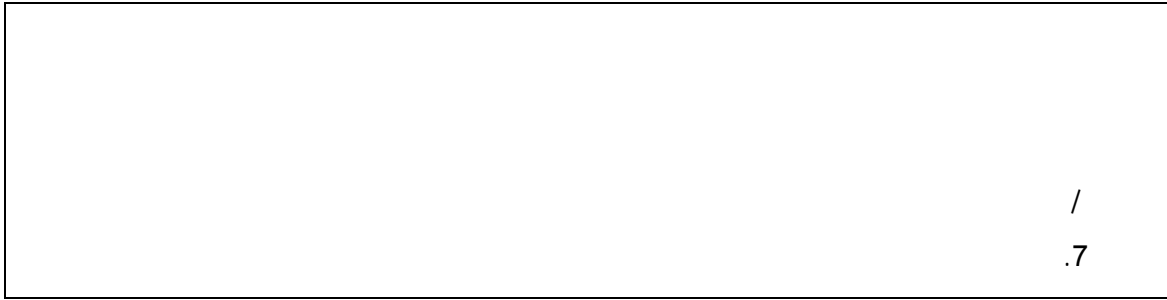
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## Results-based logical framework

	Objectives-hierarchy	Objectively verifiable indicators	Means of verification	Assumptions
<b>Goal</b>	Finance coordinated research for development on non-food or multiple-use biofuel crops along the entire value chain to develop a market ready product	Number of research grants financed through COEs	Supervision reports	
<b>Objectives</b>	<ul style="list-style-type: none"> <li>Conduct coordinated research in a time-bound action plan on no more than seven crops</li> <li>Finance local energy provision for food security</li> <li>Provide policy support to Governments to undertake biofuel production without compromising food security</li> <li>Disseminate knowledge</li> <li>Mainstream biofuels in IFAD operations</li> <li>Facilitate partnerships, including PPPs</li> </ul>	<ul style="list-style-type: none"> <li># of suitable crops identified</li> <li>Suitability of feedstock and technology assessed</li> <li># of information and communication materials and technical reports on research findings produced for the dissemination of results</li> <li>Amount of loans and grants financed focusing on biofuels</li> <li># of private companies engaged in the programme</li> </ul>	<ul style="list-style-type: none"> <li>Work plans, budgets, progress reports, audit reports provided by the COEs</li> <li>NGO reports and field visits</li> <li>Documents resulting from the related workshops</li> <li>IFAD and partners' websites and their publications related to biofuels</li> <li>IFAD's project portfolio database</li> </ul>	<ul style="list-style-type: none"> <li>Qualified COEs/NGOs are capable of implementing the programme.</li> <li>Government and target groups remain supportive of the project</li> <li>Agreement on policies between various ministries.</li> <li>Private companies willing to engage in the programme.</li> </ul>
<b>Outputs</b>	<ul style="list-style-type: none"> <li>Seeds of promising varieties of crops identified and supplied to approved entities for onward multiplication and distribution</li> <li>Models for rural electrification developed, tested and validated</li> <li>Monitoring sustainability indicators developed</li> <li>Policy studies conducted</li> <li>One workshop organized per year and information material produced</li> </ul>	<ul style="list-style-type: none"> <li># of new varieties of biofuel crops and other technologies developed by the COEs</li> <li># of models validated</li> <li># of indicators developed</li> <li># of IFAD's reports and publications focusing on biofuels for poverty alleviation</li> <li># workshops organized</li> </ul>	<ul style="list-style-type: none"> <li>Work plans, budgets, progress reports, audit reports provided by the COEs</li> <li>NGO reports and field visits</li> <li>Documents resulting from the related workshops</li> <li>IFAD and partners' websites and their publications related to biofuels</li> <li>IFAD's project portfolio database</li> </ul>	<ul style="list-style-type: none"> <li>New technologies and seed varieties to be developed are relevant and economically viable</li> <li>The Governments make timely decision on requesting studies.</li> <li>Annual progress and audit reports do not show major problems or difficulties within the programme</li> </ul>
<b>Key Activities</b>	1.1) Research for Development 1.2) Supervision, M&E 2.1) Community organization and capacity building 2.2) Investment in infrastructure and equipment 2.3) Project management and M&E 3.1) Knowledge-sharing (technology dissemination) and capacity building 3.2) Policy studies and project co-financing 3.3) Information and awareness campaign	<ul style="list-style-type: none"> <li># of new varieties of biofuel crops and other technologies developed</li> <li>Suitability of feedstock and technology assessed</li> <li># of information and communication materials produced</li> <li># workshops organized</li> <li># of IFAD projects focusing on biofuels</li> </ul>	<ul style="list-style-type: none"> <li>Work plans, budgets, progress reports, audit reports provided by the COEs</li> <li>NGO reports and field visits</li> <li>Documents resulting from the related workshops</li> <li>IFAD and partners' websites and their publications related to biofuels</li> <li>IFAD's project portfolio database</li> </ul>	The selected crops: <ul style="list-style-type: none"> <li>meet the Governments concerns regarding food security</li> <li>Can easily fit the farming systems</li> <li>Are water efficient</li> <li>The COSOPs focus on energy provision to alleviate poverty.</li> </ul>