

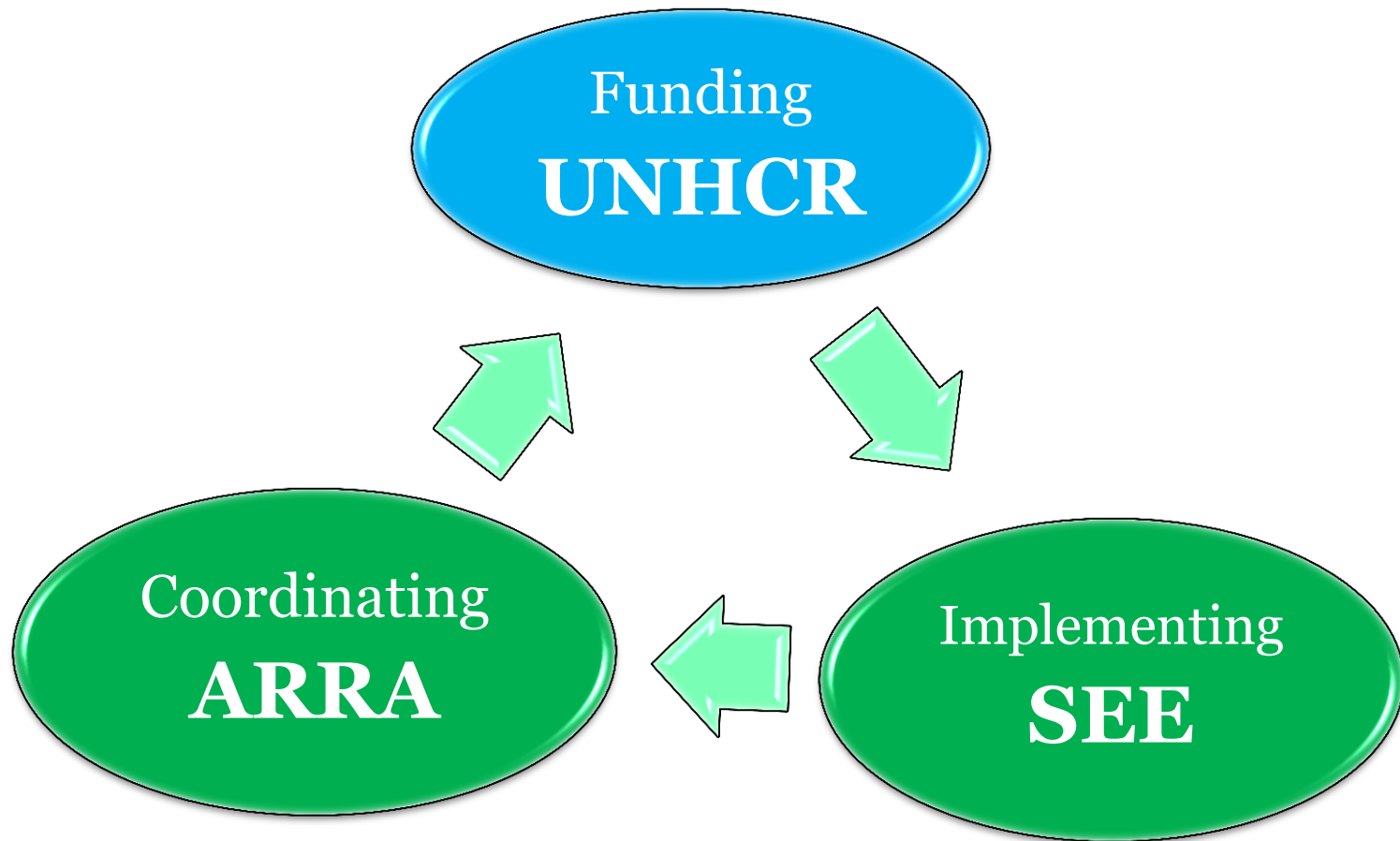
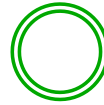
Partnership of **ARRA**, **UNHCR** & **SEE**



Project title: Environmental Protection, Rehabilitation and Education Project.

Project Location: Melkadida, Kobe and Bokolmayo Refugee Camps.

Cycle of responsibilities



Objective 1: Natural resources and shared environment better protected.



Problem description.

- High pressure of refugees and locals on natural vegetation for household energy, shelter, and fence coupled with inadequate environmental rehabilitation efforts which respond to the degree of deforestation and soil erosion has resulted in environmental degradation which extends far beyond refugee settlement areas.

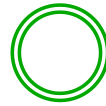
Intended Impact.

- Improvements in vegetation cover through enrichment planting and area closures and reduced area of degraded land.
- Soil erosion minimized and selected erosion prone areas protected through physical and biological soil and water conservation structures.



- Existing natural resources better protected
- Increased awareness of the community.
- Microclimate conditions of refugee camps improved.
- Increased refugee/locals involvement in the management of forest resources.
- Productivity and rehabilitated of land improved.

Major activities

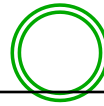


- Rehabilitation of 36 hectares of degraded land through physical soil and water conservation in the three camps.
- Production of 80,000 seedlings.
- Construction of 204m³ of check-dams in the erosion affected and susceptible areas.
- Construction of soil bunds and terraces of 54km in the soil erosion prone areas in the three camps.
- Plantation of 15,000 drought resistant seedlings in the conservation sites.



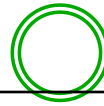
Output 1:1 Forest protection and development undertaken

Physical work plan



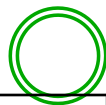
Activity	Quantity	Start Date	End Date	Responsible
Employment of staff	3	April 20	April 30	SEE
Site selection for physical soil and water conservation for the three camps	3	April 27	May 14	SEE, ARRA, UNHCR and GO
purchase of nursery working materials	Ls	May 1	May 7	SEE
Recruitment of nursery workers, for the production of the seedlings.	11	May 16	May 22	SEE
Unloading of sand, clay soil and manure, 15 loads of clay soil, 11 loads of manure and 8 loads of sand	15 11 8	May 23	May 31	SEE

Work plan cont...



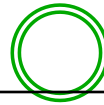
Activity	Quantity	Start Date	End Date	Responsible
Nursery site clearance, management of the debris, stone and unwanted plants around the production site	1	May 23	May 31	SEE
Construction of guard house, at the conservation sites.	2	May 24	June 4	SEE
Nursery bed lay out and preparation	1	June 1	June 7	SEE
Clay soil, sand and manure sieving, excluding large unwanted objects and collection of refined remaining of each ingredients	1	June 1	June 15	SEE
Purchase of polythene tubes, for the preparation of the seedling	1	May 23	June 3	SEE
Manure, sand and clay soil mixing, to be filled in to the polythene tubes.	1	June 2	June 14	SEE

Work plan cont...



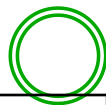
Activity	Quantity	Start Date	End Date	Responsible
Pot filling, for the preparation of the seedling beds.	80,000	June 1	June 30	SEE
Seed sowing in to the filled pots	80,000	June 8	June 30	SEE
Purchase of grass for mulching, to keep the moisture for field capacity and protect the post from the heat of the sun	11	June 7	June 14	SEE
Bamboo stick and eucalyptus tree purchase for shading seed beds	Ls	July 1	July 8	SEE
Shade construction for the seedling beds	32	July 8	July 14	SEE
Continuous care of the seedlings (weeding, clearing)	Ls	May 20	Nov 23	SEE

Work plan cont...



Activity	Quantity	Start Date	End Date	Responsible
Recruitment of environmental animators	3	May 1	May 8	SEE
Distribution of seedlings to communities, Ips and local institutions	60,000	Oct 1	Nov 25	SEE
Road side plantation; selection of the location	1,200	Sep 26	Sep 30	SEE, ARRA, UNHCR and RCC
Road side plantation, seedlings to be planted on the roads sides in the camps	1,200	Oct 1	Nov 23	SEE
Fencing of the road side plantation seedlings	1,200	Oct 1	Nov 23	SEE
Plantation of seedlings in to the physical structures	15,000	Oct 1	Nov 31	SEE
Selection of awareness raising workshop participants	210	July 1	July 7	SEE, ARRA, UNHCR and RCC

Work plan cont...

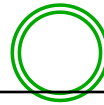


Activity	Quantity	Start Date	End Date	Responsible
Conducting community awareness raising workshops	3	July 8	July 21	SEE
Production of T-shirts, Caps and banners for WED	Ls	May 27	June 3	SEE
WED, Celebration of world environment day	3	June 5	June 5	SEE
Selection of schools to be supported with environmental tools and materials	9	May 1	May 6	SEE, ARRA, UNHCR and RCC
Supporting school environmental clubs	9	May 7	Dec 30	SEE
Project monitoring activities	Ls	April 1	Dec 31	SEE, ARRA, UNHCR and RCC



Output 1:2: Land resources developed

Work plan cont...



Activity	Quantity	Start Date	End Date	Responsible
Maintenance of soil bunds	Ls	July 1	Dec 30	SEE
Purchase of fencing materials for the road side plantation	1,200	Sep 25	Sep 30	SEE
Construction of soil bunds and terraces at the demarcated sites	54 km	May 23	Dec 25	SEE
Transportation of stones for the construction of check dam	204m ³	May 20	Dec 26	SEE
Construction of checkdams at the demarcted sites	204 m ³	May 21	Dec 30	SEE
Digging of planting holes at the conservation sites	15,000	Sep 20	Sep 30	SEE

Thank You