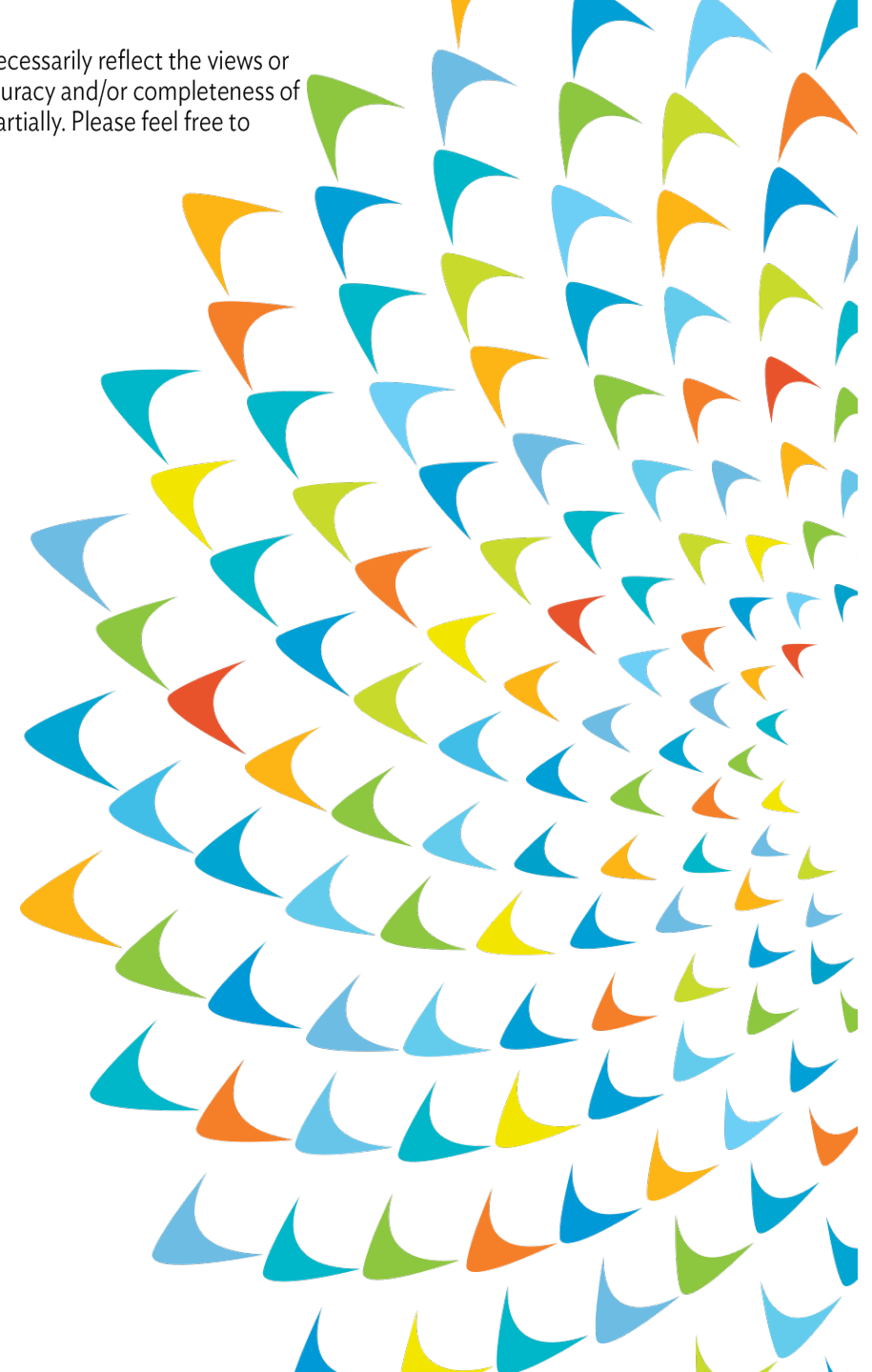




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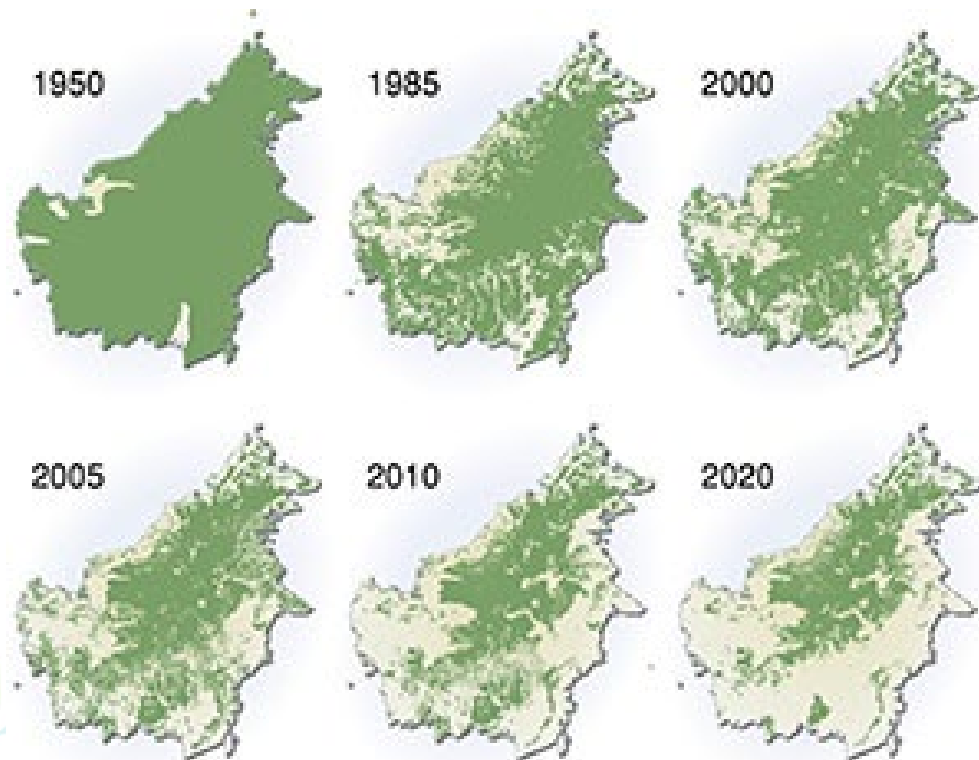
# The Role of Women at Community Level on Nature-Based Solutions

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# Forest Investment Program (FIP)

## Support from Climate Investment Funds (CIF)



Extent of deforestation in Borneo 1950-2005, and projection towards 2020

Source: <http://math.ucr.edu/>

### Background

1973 until 2015 there has been deforestation of 18,7 million hectares in Kalimantan's forests.

**FIP 1:** Community-focused Investment to Address Deforestation and Degradation Project (Administered by ADB)

**FIP2:** Promoting Sustainable Community-based Natural Resource Management and Institutional Development (Administered by World Bank)

# FIP1

- Promotes sustainable forest management (SFM)
- Reduce GHG emissions and enhance carbon stocks
- Provide livelihood co-benefits such as poverty reduction, improved livelihood for forest communities, strengthened land management rights of customary communities.
- 2 districts, 17 villages, 4 forest management units (FMUs), 672,202 hectares forest area and 23,932 hectares non-forest area.

DISTRICT	SUB DISTRICT	VILLAGES	AREA (Ha)	
			Forest Area	Non Forest (APL)
Kapas Hulu	FMU Kapuas Hulu Utara Unit XIX KPHL			
	Embaloh Hilir	Nanga Lauk	11,505	2,217
	Embaloh Hulu	Batu Lintang	14,855	1,034
	Putussibau Utara	Sungai Uluk Palin	29,887	1,475
		Tanjung Lasa	175,678	2,307
	FMU Kapuas Hulu Selatan Unit XXI KPHP			
	Bunut Hulu	Selaup	6,843	4,402
	Boyan Tanjung	Nanga Betung	3,761	552
		Nanga Sangan	1,029	2,464
	Mentebah	Tanjung	14,390	3
	Betung Karihun and Danau Sentarum National Park			
	Putussibau Selatan	Bungan Jaya	254,661	-
		Tanjung Lokang	109,588	-
	Selimbau	Vega	11,760	19
	Badau	Pulau Majang	11,455	8,704
Sintang	FMU Sintang Utara Unit X KPHP			
	Ketungau Tengah	Kayu Dujung	9,257	142
		Radin Jaya	12,020	160
		Senangan Jaya	2,397	41
		Senangan Kecil	1,703	373
		Tanjung Sari	1,413	39
Grand Total		672,202	23,932	



# Agroforestry

- Plant tree species that provide economic benefit to farmers groups and ecological benefit (hydrological support, environmental services, and biodiversity conservation).
- Intercrop plants such as: vegetables, paddy, and medicinal plants.
- Crops cultivation using a shifting cultivation practice where they divide the forest area into 5-6 blocks and they will rotate those blocks every year, so in the 5/6th year, they will come back to the first block





# Agroforestry Project Impact

DISTRICT	FOREST AREA	GROUPS	FEMALE	MALE	TOTAL
Kapuas Hulu	1,318 Ha	46	268 (26%)	765 (74%)	1,033
Sintang	637.5 Ha	64	456 (39%)	721 (61%)	1,177
<b>Total</b>	<b>1,955.5 Ha</b>	<b>110</b>	<b>724 (33%)</b>	<b>1,486 (67%)</b>	<b>2,210</b>



1,955 hectares  
degraded forest  
rehabilitated



Investment in  
productive plants  
for community's  
livelihood



Inter crops  
(coffee, rice, corn,  
chili, peanuts) for  
own consumption  
(except coffee)



Direct income/cash



Skills in Technology



# Assisted Natural Regeneration (ANR)

- Forest farmers groups trained to protect forest and maintain local natural seedlings in the low-degraded forest from any disturbance from tree falling, grass, climbers and from forest-fire
- With ANR, community is able to legally access forest area and utilize any non-timber forest product for their livelihood (honey, rattan)





# ANR Project Impact

DISTRICT	FOREST AREA	GROUPS	FEMALE	MALE	TOTAL
Kapuas Hulu	3000 Ha	18	87 (18%)	393 (82%)	480
Sintang	1500 Ha	4	25 (27%)	66 (73%)	91
<b>Total</b>	<b>4500 Ha</b>	<b>22</b>	<b>112 (20%)</b>	<b>459 (80%)</b>	<b>571</b>



Forest area of  
4500 Ha  
maintained



Around 19  
thousand local tree  
species were  
identified



Non-timber forest  
products: honey,  
rattan, weaving



The community  
plays an active role  
in protecting the  
forest

# Increasing Women's Participation



**FISH CULTIVATION**



**HOME GARDEN**



**WEAVING**



**FOOD PROCESSING**



**HANDICRAFTS**

At least 30% women in consultation processes and community forest management groups.

At least 30% women beneficiaries from training programs on livelihood skills

At least 3 women-only groups established as pilots to support non-timber forest products-based micro-enterprise development.

Study visits for women to share and learn from similarly engaged women's community groups





# Thank You

Photos: FIP1