



STATE GREEN MISSION

A Unique Innovative Environment Programme Launched in Sikkim



Launching of Sikkim Green Mission on 27th February 2006

The Government of Sikkim launched a unique and innovative programme called “State Green Mission” with the view to raise avenue plantation along the roads and beautification of all vacant and waste lands to further reinforce wide spread recognition of Sikkim being a Green State.

Hence the State Government has taken initiative to generate Avenue plantation in massive scale by using all the manpower in various departments in the Government, and other nature lovers from the Government and Non Governmental Organizations including different Eco clubs and Self Help groups. Accordingly Government had takeout a notification vide no 15/Home/06 dated 24/2/2006 in this regard. The Hon'ble Chief Minister Shri. Pawan Chamling formally launched this Mission on 27th February 2006 in the presence of all Ministers, officers and the public of Sikkim in the programme organized by the Forest Environment and Wild Life Management department at Chintan Bhawan, Gangtok.

Aims and Objectives

The major objectives of the programme are to create green belt and avenues for meeting aesthetic recreational needs of the people and beautify the areas for tourist attraction. This programme is expected to provide fringe benefits like reduction in the surface run-off discharge and checking erosion in the downhill side and will also create a store house of genetic diversity by



planting all the indigenous trees, shrubs, herbs, climbers, creepers, conifers and green foliages including fruits and medicinal plants.

The greenery generated out of this programme will also reduce noise pollution to the neighboring household population; attract the avifauna, butterflies, squirrels etc and their shelter. Sikkim becoming a Garden State, the mission will also work with objective to promote tourism as a sustainable and eco friendly activity in the state of Sikkim. The programme is also expected to generate awareness on environment & forests and bringing in sense of participation and ownership among people in the whole process.

Implementing Mechanism

A State level committee under the chairmanship of Hon'ble Chief Minister is formed to oversee and to provide policy and administrative support to this mission. The Forest, Environment and Wildlife Management Department are the Nodal Department. At constituency level, there is Green Task force headed by the Area MLA to implement the programme in the Field. One District level officer is appointed as Nodal officer for each constituency. The Forest Department will provide all technical guidance, saplings and manure for the programme. All the Government departments will provide managerial and labour force from the existing establishment. At ward level, one village protection committee is constituted headed by the concerned ward Panchayat member.

Implementation period

The programme was conceived by the Chief Minister as a symbol of the Government's resolve to convert Sikkim to a model "GREEN" State with an overwhelming emphasis on environment friendly development.

It was proposed to cover all the state within three years right from 2006-07 to 2008-09 and follow up the programme then onwards on annual basis. The State Green Mission has now reached its fifth phase of implementation and more than 80% survival of plantation has been recorded as the main success indicator of the mission.

Total saplings (in lakhs) planted under State Green Mission

Sl.No.	District	Phase-I 2006-2007	Phase-II 2007-2008	Phase-III 2008-2009	Phase-IV 2009-10	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	East	2.66	2.74	1.55	1.53	8.48
2	South	1.19	2.15	0.82	0.23	4.39
3	West	1.58	3.43	1.78	1.12	7.91
4	North	0.33	3.46	2.47	0.75	7.01
Total-		5.76	11.78	6.62	3.63	27.79



SPECIES RECOMMENDED FOR STATE GREEN MISSION

Altitude : 2000' – 5500'

Trees: *Aesculus indica* (Horse Chestnut), *Cassia fistula* (Amaltas), *Cassia nudosa*, *Erythrina soberrosa* (phaledo), *Lagerstromia flosreginae* (Jarul), *Emblica officinalis* (Amala), *Bauhinia sp.* (Tanki), *Alstonia scholaris* (Chatiwan), *Paulonia fortunei* (Chinese teak), *Paulonia elongate* (Chinese teak), *Paulonia fortunei* (Chinese teak), *Tamarix indica* (imli, thithri), *Tree ferns (Cycus)*, *Callistemon* (Bottle Brush), *Jaccaranda mimosifolia* (Jaccaranda), *Syzygiom cuminii* (Jamun).

Shrubs: *Magnolia lilliflora* (Magnolia), *Cycos*, *Gaikhuray Fern*, *Datura sp.*, *Tecoma stans*, *Hydrangea*, *Hibiscus (china rose)*, *Euphorbia pulcherrima*, *Bougainvillea*, *Allemanda*, *Cestrum*, *Ixora stricta*, *Plumeria* (Temple tree), *Yesterday, today & tomorrow*, *Saraca indica* (Ashoka) .

Bulbous & herbal plants: *Eucharis* (Pyaji Phool), *Nerium*, *Zephranthus robusta*, *Costus speciosus*, *Hemerocalis*, *Ophiopogon*.

Orchids: *Dendrobium sp.*(Auley sunakhari), *Cymbidium longifolium* (Lekh sunakhari).

Altitude : 5500' – 7000'

Trees: *Prunus cerasodes* (Paiyu) October flowering, *Prunus Gayzing* Type March flowering, *Cedrella toona* (tooni), *Michelia excelsa* (rani champ), *Rhododendro arboretum* (lali guras), *Symingtonia populnea* (Pipli), *Aesculus indica*, *Paulonia fortunei* (Chinese teak), *Salix babylonica* (weeping willow, bayas), *Tree ferns*.

Shrubs: *Mahonia napaulensis* (chutro), *Hypericum sp.*, *Hydrangia*, *Magnolia grandiflora* (Gogey champ), *Luculia gratissima*, *Viburnum sp.* (Asarey), *Tibouchiana*, *Spiraea*, *Ardisia*, *Euphorbia pulcherrima* (lallu pathi), *Jasminum* (jasmine).

Bulbs & herbal plants: *Agapanthus*, *Bergenia sp.* for walls, *Zephranthus robusta*, *Hedychium species*.

Orchids: *Coelogyne cristata*, *Coelogyne nitida*, *Coelogyne ochracea* for walls and rocky area.

Altitude : 7000' - 10,000

Trees: *Magnolia cambelli* (Gghey champ), *Acer species* (kapasi), *Juniperous recurva* (Juniper), *Juniperous Pseudosabina* (Juniper), *Larix griffithii* (larch Gobrey), *Tsuga brunoniana* (salla), *Populus ciliate*(poplar), *Salix babylonica* (Bayas), *Prunus sp.*

Shrubs: *Hypericum sp.*, *Rhododendron sp.*(gurans), *Luculia gratissimum*, *Viburnum sp.*(asarey), *Enkianthus campanulata*, *Rosa candita*, *Hydrangia*, *Magnolia lilliflora*, *Pieris spp.*, *Spiraea* (April fool).

Bulbous & herbal plants: *Lupins*, *Bergena*, *Arisaema sp.*, *Hemerocalis*, *Cardiocrinum giganteum*



State Green Mission Snapshots



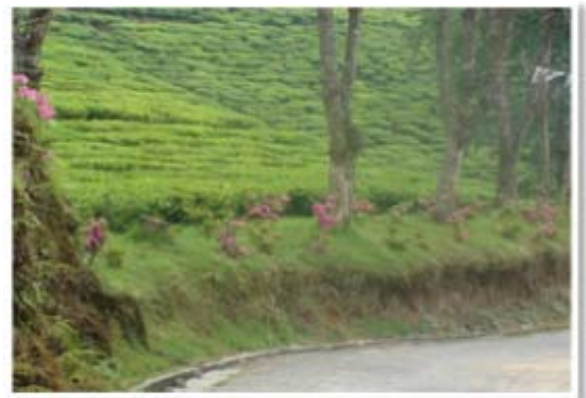
Nation's Greenest Chief Minister,
Shri. Pawan Chamling planting a sapling



Hon'ble Chief Minister of Sikkim
watering the plantation



Well Protected Avenue Plantation along the
Pakyong - Andheri Road, East Sikkim



Plantation of Flowers along the roadsides of
Temi-Tarku, South Sikkim



Protective Fencing along the roadside
plantation at West Sikkim



Volunteers in action



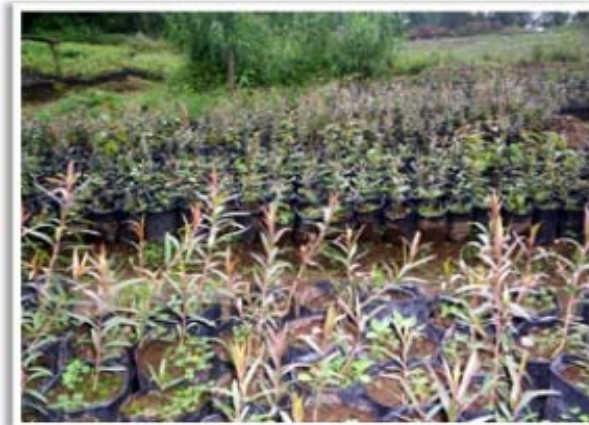
State Green Mission Snapshots



Ex-minister of Forest, Shri. S. B. Subedi planting a sapling



Forest Officials documenting the status



Preparation of saplings



Protection of Plantation by bamboo basket



Volunteers in action at Namchi – Damthang road, South Sikkim



A Kid on the left watches an inspired tourist planting a sapling