









PLENARY





The publications of ISC are:

- **Sericologia**, a quarterly peer reviewed Scientific Journal started during 1949
- Proceedings of Congress
- Country Reports
- Proceedings of workshops, consultative meetings
- Review of Global Silk Industry

Louis Pasteur Award



- Instituted in memory of Sir Louis I
- Top international Award on Silk In
- Recognition to persons who had contributed outstandingly for development of silk industry
- Selected by a Panel of renowned scientists from 5 countries
- Award consists of a citation, medal and certificate
- Till now 38 persons awarded

Award of Excellence in Sericulture Industry

- ➡ New Award instituted
- ➡ In 4 Categories; *a) Host Plant Development, (b) Silkworm development, (c) Post Cocoon Technology & (d) Non-Textile Industry*
- ➡ Recognition for any specific invention, research, action or any other efforts of the persons/group resulted/which can result significant impact to the specified area and related industries
- ➡ One awardee from each sector
- ➡ Candidates nominated by Country Members & Associate Members
- ➡ Awardees selected by ISC Committee
- ➡ A medal and Certificate



Membership

Country Membership	Countries can become Members by signing the Instrument of Accession which agrees for the convention text of the formulation of ISC
Collective Associate Membership	Institutions, Universities, Libraries, Associations, Provincial Governments, International and regional organizations, and other agencies related to sericulture and silk industry. Fee - US \$ 470
Individual Associate Membership	Individuals from ISC Member Countries and Non-Member Countries may also become members of the ISC by enrolling

Country Membership

- Enrollment by the Government to become Member Country
- An Instrument of Accession to be signed by a Minister
- Member Country to pay an Annual Membership Fee
- Fee is calculated by a scientific formula
- Factors are raw silk production, GNI, Population and Inflation



Instrument of Accession

(NAME OF THE MINISTER RESPONSIBLE OF THE REPUBLIC)

I,

_____,

having seen and examined the convention instituting the international Sericultural Commission (ISC), hereby declare to join the Commission and promise that we would inviolably obey the provisions of the Statute, up on which we gave the Instrument of Accession signed and covered with the seal of the Republic of

_____,

Part-II

Current Global Ecosystem for Silk

GLOBAL
SILK
PRODUCTION

#	Countries	2013	2014	2015	2016	2017
1	Bangladesh	43	44.5	44	44	41
2	Brazil	550	560	600	650	600
3	Bulgaria	8.5	8	8	9	10
4	China	1,30,000	1,46,000	1,70,000	1,58,400	1,42,000
5	Colombia	0.6	0.5	0.5	-	-
6	Egypt	0.7	0.8	0.8	1.2	1.1
7	India	26,480	28,708	28,523	30,348	31,906
8	Indonesia	16	10	8	4	2.5
9	Iran	123	110	120	125	120
10	Japan	30	30	30	32	20
11	North Korea	300	320	350	365	365
12	South Korea	1.6	1.2	1	1	1
13	Philippines	1	1.1	1.2	1.82	1.5
14	Syria	0.7	0.5	0.3	0.25	0.25
15	Thailand	680	692	698	712	680
16	Tunisia	4	4	3	2	2
17	Turkey	25	32	30	32	30
18	Uzbekistan	980	1,100	1,200	1,256	1,200
19	Vietnam	475	420	450	523	520
20	Madagascar	18	15	5	6	7
	Total	159737.10	178057.62	202072.83	192512.27	177507.35

Growth Analysis

Global Growth Rate					Chinese Growth Rate		
Year	Production	Increase	Growth %	Year	Production	Increase	Growth %
2013	159737	--	--	2013	130000	--	--
2014	178057	18320	10.28884	2014	146000	16000	10.9589
2015	202072	24015	11.88438	2015	170000	24000	14.11765
2016	192512	-9560	-4.96592	2016	158400	-11600	-7.32323
2017	177507	-15005	-8.45319	2017	142000	-16400	-11.5493

Increasing Global Demand

- Global silk production growing @ 10% till 2015
- Declining from 2016 – reduced Chinese production
- Reasons – high labour cost, urbanization and industrialization in China
- Report indicate demand growing @ 5%
- Higher demand may trigger raw silk cost

Traditional silk consuming countries

- Many countries across the globe are traditional silk producers & good consumers of silk
- Majority of these countries depend on imported silk – High Balance of Trade (BoT)
- Stable domestic demand – need to be exploited
- Initial focus should be domestic

Socio-economic and climatic conditions

- High Labour Force Participation Rate (LFPR) in Silk industry
- Provide employment to 15 persons in 1 Ha. mulberry/year
- Ideal occupation to utilize family labour
- Family labour could be utilized
- Effective tool for rural development

Replicable Model

➤ Indian Sericulture Practise –
Successful Economic Model to
emulate:

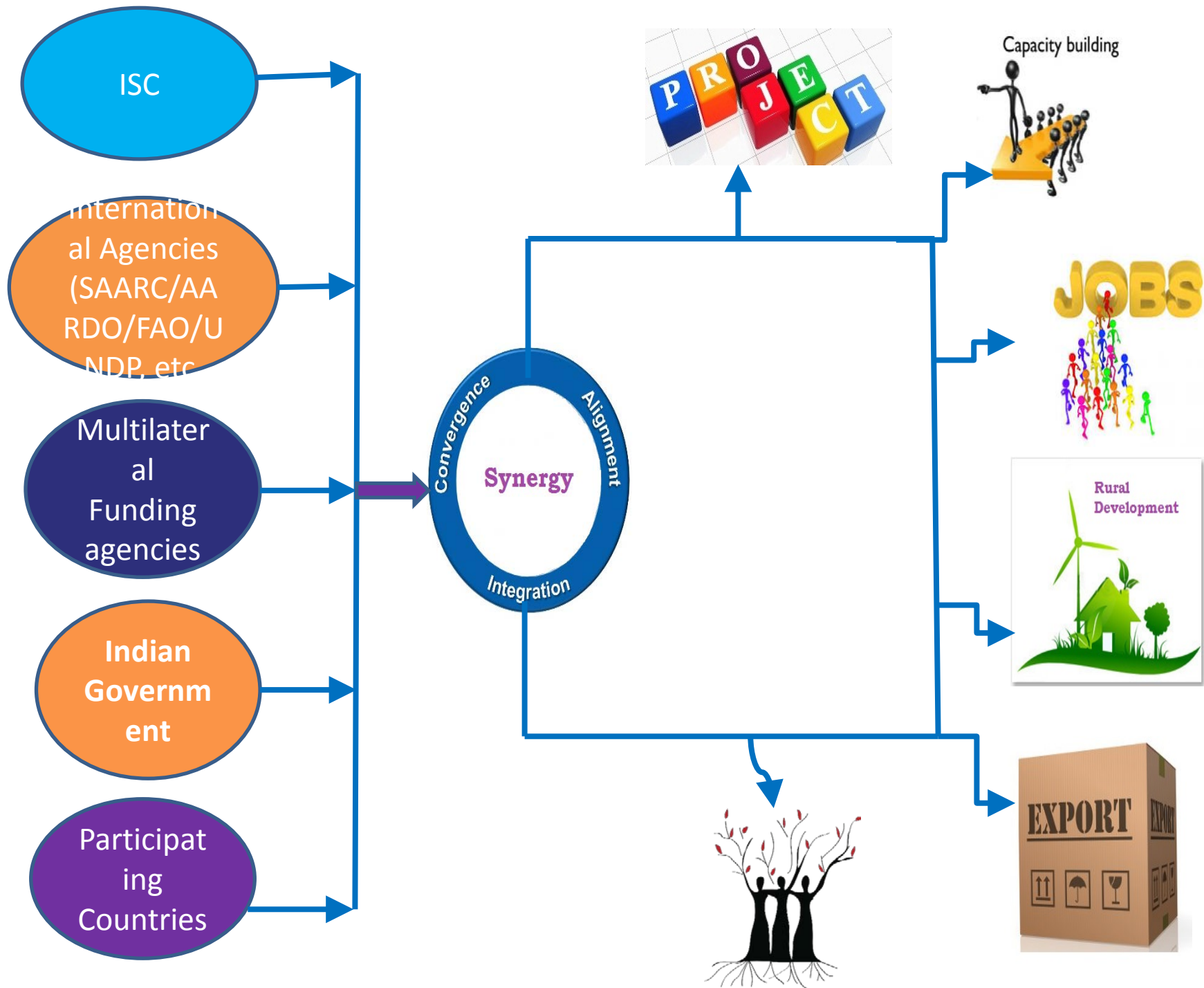
- Federated farmers to neutralize fragmented production base
- Synchronized activities to ensure uniform quality
- A strong delivery mechanism
- Dissemination of advanced technologies and innovations by incentivising additional burdens
- Strong Private participation to enhance

Part-III

the Path Ahead

Collaboration with Countries/agencies

- ISC collaborate with Countries/other like international agencies for development of sericulture and silk industry
- The elements of collaboration are :
 - Exchange of information, experiences, views and experts
 - Take up studies on action research projects, generate information and documentation
 - Organize exposure visits and



Approach

- 👍 **Initial Focus on meeting Domestic Demand**
- 👍 **Assimilate sericulture practise to align with local culture**
- 👍 **Government involvement paramount**
- 👍 **Priority to establish facilities and link activities**
- 👍 **Put in place a regulatory mechanism to maintain quality**
- 👍 **Cluster based approach; develop replicable models**

Strategic Plan – Road Map

#	Plan	Strategies
1	Undertake evaluation study	Use ISC Volunteers
2	Conceive Comprehensive Sericulture Developmental Projects	<i>Either for individual countries or Joint Projects</i> <i>Governments and related agencies to collaborate</i>
3	Financial Assistance	ISC and the Countries to jointly source from multilateral agencies of

Contd...

Strategic Plan – Road Map

#	Plan	Strategies
4	Technical support	ISC & Indian Government (technical assistance, Capacity building, materials and resources, seed, equipments and machineries)
5	Project Implementation	An “Apex Advisory Committee” of ISC & Participating Countries
6	Membership	Countries to enrol as Member Countries of ISC

