



SEA's

World Castor Sustainability Forum

Haresh Vyas
Director - WCSF

At ICOA AGM
16th May, 2024
Copenhagen, Denmark



The Solvent Extractors' Association of India (SEA)

The Premier Association of Vegetable Oil & Trade of India



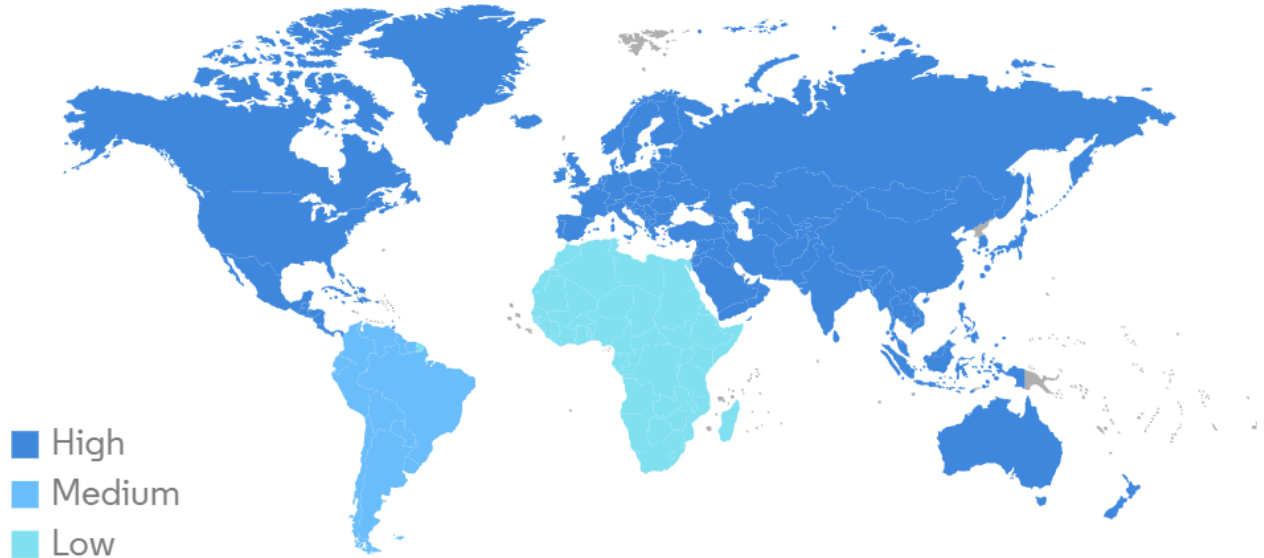
- ❑ **Formed in 1963** to foster the development & growth of the Solvent Extraction (Crushers) & Vegetable Oil Industry in India
- ❑ Largest and Premier Association in the Vegetable Oil Sector in India – **over 700 members** across the country includes Oilseed Crushers, Refiners, Importers, Exporters and Service Providers
- ❑ **All Major Crushers of Castor-seed and Exporters of Castor Oil and derivatives from India are members of the Association.**
- ❑ First Association in Vegetable Oil & Oilseed sector to receive ISO 9001 Certification in India (2004), **now upgrade to ISO 9001 : 2015.**
- ❑ SEA has signed a MoU with NOPA (U.S.A.), COPA (Canada), USSEC (U.S.A.) and PORAM (Malaysia), Solidaridad, ITC (Geneva), UOSPA (Uganda), TAPUSA (Tanzania), MPOC & MPOB (Malaysia), Indonesian Palm Oil Board (IPOB, Indonesia) and CIARA (Argentina) for mutual co-operation.
- ❑ SEA is the part **of International Association of Ricebran Oil, International Sunflower Oil Association and Asian Palm Oil Alliance**
- ❑ Recognised by Ministry of Agriculture and TPO by Ministry of Commerce, Government of India
- ❑ **ITC, Geneva (United Nation) has recognized SEA as the Best & Successful Model Association**



SEA's Global Presence in Vegetable Oils Sector



SEA has a global presence in the vegetable oil sector through regional as well as cross-country cooperations, enabling trade policies and promotion of sustainability



Source: Mordor Intelligence



SEA'S Efforts & Initiatives towards Sustainability In Vegetable Oil Supply Chains



THREE PRONGED FOCUS



**SOCIO-ECONOMIC
PROGRESS**



**BALANCE WITH
NATURE**



INCLUSIVITY



IPOS – Indian Palm Oil Sustainability Framework



INDIAN PALM OIL SUSTAINABILITY FRAMEWORK WHICH
IS BY AND FOR THE SOLVENT INDUSTRY OF INDIA

FIRST IPOS AUDIT CERTIFICATE AWARDED
TO GODREJ AGROVET LTD. IN 2019





India Recognizes MSPO & ISPO



**INDIA IS THE FIRST COUNTRY IN THE WORLD TO RECOGNISE MSPO & ISPO as
EQUIVALENT TO ITS NATIONAL PALM OIL SUSTAINABILITY STANDARD**



ASIAN PALM OIL ALLIANCE

Solidaridad



Bangladesh



Nepal



India



Sri Lanka



Pakistan



- ❑ The Apex Vegetable Oil Associations from 5 South Asian Countries Form Asian Palm Oil Alliance (APOA)
- ❑ An Alliance of apex vegetable oil associations from India, Bangladesh, Pakistan, Sri Lanka and Nepal. Solidaridad would be the *Sustainability Partner*
- ❑ The headquarters of APOA is to be in Mumbai (India) at the premises of the Solvent Extractors Association of India.



INTERNATIONAL ASSOCIATION OF RICE BRAN OIL



SEA along with Ricebran Oil producing countries viz. Japan, China, Thailand and Vietnam formed an International Association of Ricebran Oil (IARBO) to promote virtue of Ricebran Oil World over.





SEA's MoU with ABIOVE



Shri Ajay Jhunjunwala, President, SEA and Mr. Andre Meloni Nassar, President, ABIOVE, Brazil Signing the MoU on 2 November 2023, Delhi



SEA Team with Brazilian Minister of Agriculture and Livestock, H.E., Mr. Carlos Favaro



SEA's MoU with CIARA



SEA delegation Meeting with H.E. Mauricio Macri, President of Argentina. Mr Atul Chaturvedi, President SEA Briefing opportunities for export of Soybean oil and Sunflower oil into India



President of SEA & CIARA in presence of Hon'ble Agriculture Minister of Argentina Dr LUIS MIGUEL ETCHEVEHERE and members of SEA Delegation releasing the MoU on 19th February, 2019, Mumbai



SEA's Association with National and International Bodies/Associations



International :-

- Canadian Oil Processors Association (COPA), Canada.
- National Oilseeds Processors' Association (NOPA), USA.
- U.S. Soybean Export Council (USSEC).
- The Palm Oil Refiners Association of Malaysia (PORAM), Malaysia.
- The International Trade Centre (ITC), Geneva, Switzerland.
- Solidaridad Network Asia Limited (SNAL), Hong Kong.
- The Uganda Oil Seed Producers and Processors Association (UOSPA), Uganda.
- The Tanzania Sunflower Processors Association (TASUPA), Tanzania.
- The Chamber of Vegetable Oil Processors of Argentina (CIARA), Argentina
- Malaysian Palm Oil Council (MPOC), Malaysia
- Malaysian Palm Oil Board (MPOB), Malaysia
- The Brazilian Association of Vegetable Oil Industries (ABIOVE)

National :

- Confederation of Indian Industry (CII), New Delhi.
- Federation of Indian Export Organisation (FIEO). New Delhi.
- The Associated Chambers of Commerce and Industry of India (ASSOCHAM), New Delhi.
- Federation of Indian Chambers of Commerce & Industry (FICCI), New Delhi.
- IMC Chambers of Commerce & Industry, Mumbai.
- The Central Organisation for Oil Industry & Trade (COOIT), New Delhi.
- Oil Technologists' Association of India (OTAI), Kanpur / Mumbai.
- Maharashtra Chamber of Commerce Industry & Agriculture (MACCIA), Mumbai.



SEA'S launches Sustainability CODE in Castor Production & Trade

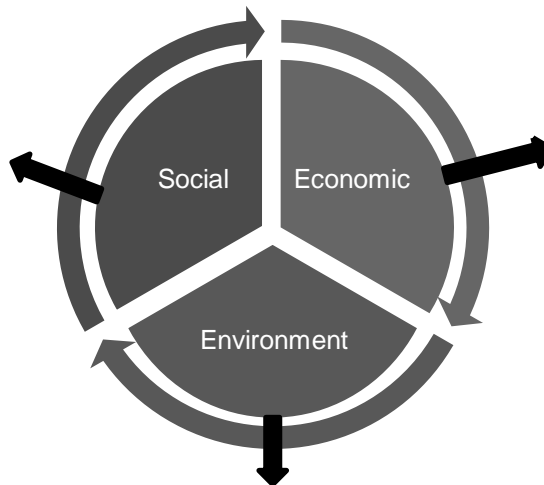
**World Sustainable Castor Standards
by
World Castor Sustainability Forum**



Sustainability in Castor Production

Community Well-being

- Promotion of gender-equity and women in agriculture
- Workers welfare and safety
- Enabling environment for fair wages
- No child labor



Economic self-sufficiency and livelihoods of smallholder producers

- Improved productivity and reduction in cost of cultivation
- Plan to initiative Eri silk warm project on castor leaves
- Training and capacity building of farmers on sustainable and modern farm practices
- Integrated Pest Management (IPM), Integrated Nutrient Management (INM) and Safe Use of Crop Protection Products
- Post Harvest Management Practices

Promotion of Sustainable and Eco-friendly agricultural practices through the concept of SWAS (BREATHE)

S – SOIL

W – WATER

A – AIR

S - SUN

- Promotion of low-chemical uses and climate smart agricultural practices
 - Efficient use of water resources and maintaining soil fertility
 - Adoption of good waste management practices
 - Bio-Diversity and Energy Management
 - Waste & Pollution Management
 - Ecological Balance and Tracing the Carbon footprint.



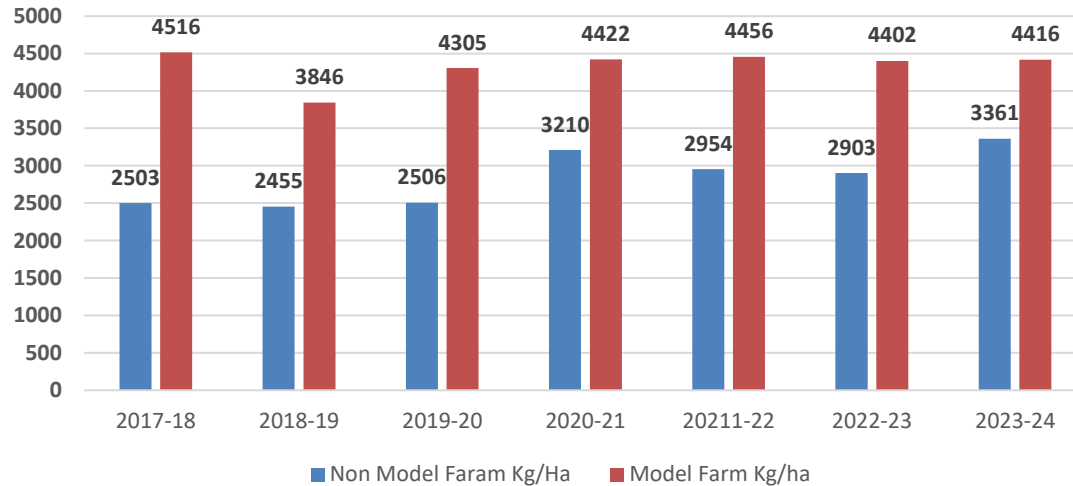
SEA Sustainable Castor Model Farms



8 years of SEA Castor Model Farms

50 % higher productivity in Model Farms as a result of adoption of improved practices and technologies

Castor Yield Non Model Farms v/s Model Farms



Record yield of 7000 kg per hectare achieved by the Model Farm Farmers ; The average yield of castor in Gujarat is around 1500- 2000 kg per hectare

Year	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
Castor Model Farms	68	140	258	405	362	500	574	550



SEA Sustainable Castor Model Farms

From LAB ➡ LAND



Name – Devajibhai Satani
Village – Amreli, Taluka – Amreli, District – Amreli
Date – September 04, 2021
Intercrop – Blackgram



Name – Savjibhai Khakhriya
Village – Shreenathgadhi, Taluka – Gondal, District – Rajkot
Date – September 10, 2021
Intercrop – Groundnut



Name – Mohanbhai Aevariya
Village – Trambo, Taluka – Rapar, District – Kutch
Date – October 26, 2021



Farmers meeting & Field Demonstration
Village – Bagasara, Taluka – Bagasara, District – Amreli
Date – December 01, 2021



Name – Sureshbhai Patel
Village – Salimgadh, Taluka – Kankrej, District – Banaskantha
Date – October 27, 2021
Intercrop – Groundnut



Name – Jitubhai Patel
Village – Khara, Taluka – Bhabhar, District – Banaskantha
Date – December 09, 2021



SEA Sustainable Castor Model Farms





Key Impact of SEA Castor Model Farms

1

Around 50,000
farmers benefitted
with increased
income &
Improved
standards of living

2

Women
Empowerment
through Enhanced
Knowledge about
Castor production
technologies

3

Securing
Water
For Future





World Castor Sustainability Forum - WCSF





World Castor Sustainability Forum - WCSF

Standard Structure (Production)

4 Principles

are the major topics covering the broad aspect of the standard

23 Criteria

are the heart of the standard representing the desired objective for each topic.

59 Indicators

Indicators are the distinct activities a farmer or farm should implement under the supervision of the Internal Control system (ICS) to achieve a given criterion.



Stakeholder's Consultations for the Development of WCSF Code



Series of Consultations Organized to Ensure Integration of Different Sustainability Aspects



❑ All leading stakeholders consisting of Castor-seed crushers, exporters of castor oil and derivatives, Foreign buyers, farmers, agri experts, certifying agency officials, castor model farms coordinators and others under Umbrella of SEA joined together to develop the standard.

❑ All agreed to promote World Sustainability Castor standard (WCSF) for castor oil and its derivatives under WCSF.



FPO Meet and Press Release for Launches of World Castor Sustainability Forum



Nearly 30 Farmer Producer Organizations (FPO) agreed to collaborate with WCSF, to promote the cultivation of sustainable castorseed. This collaboration represents approximately 25,000 farmers joining the movement in its inaugural year, committed to adopting the guidelines set forth by WCSF.

BUSINESS LINE, MUMBAI 03 MAY 2024

India launches World Castor Sustainability Forum for traceable supply chain

Our Bureau
Mangaluru

India, which produces about 20 lakh tonnes of castorseed per annum meeting over 90 per cent of the global demand for castor oil, has launched the World Castor Sustainability Forum (WCSF). This initiative aims to provide a sustainable and traceable supply chain of castor while improving economic, social, and environmental performance.

BV Mehta, Executive Director of the Solvent Extractors' Association of India (SEA), said the association spearheaded the formation of WCSF in response to the global shift towards renewable resources and the increasing emphasis on sustainability. This initiative is poised to enhance economic self-sufficiency and the livelihoods of smallholder producers.

Key players in the castor in-

dustry, including Adani Wilmar Ltd, Jayant Agro Organics Ltd, Gokul Overseas, Gokul Agro Resources Ltd, Royal Castor Products Ltd, NK Proteins Pvt Ltd, Castorgirnar Industries, along with traders, and service provider representatives joined WCSF in Ahmedabad.

Companies Act can experience improved brand reputation, competitive advantage, cost savings, access to capital, regulatory compliance, risk management, and long-term value creation.

30 FPOS TO JOIN

To promote the cultivation of sustainable castorseed, nearly 30 Farmer Producer Organizations (FPO), led by Gokul Overseas, Sidhpur, agreed to collaborate with WCSF on April 30. This collaboration represents approximately 25,000 farmers joining the movement in its inaugural year, committed to adopting the guidelines set forth by WCSF.

India's export of castor oil and derivatives are estimated above ₹12,000 crore (\$1.5 billion) per annum. The global castor derivatives market, which is estimated to be over \$4 billion per annum, is highly dependent on India.



He said the companies that embrace WCSF sustainability measures in line with the Indian

Press Clip of the WCSF Launch coverage in Business Line



Meet with Agri University Scientists



Meeting with the Agri University Scientists to discuss to Signing of MoU regarding using castor meal as Organic Fertiliser.



The Sustainability Standard for Castor Crop Management Certification and Supply Chain Certification



Certification Standard



Issuance of WCSF Logo
Usage License



Supply Traceability



Guidelines for Audit



Accreditation requirements and
notification of certification bodies



Application by potential clients for
certification audits



World Sustainable Castor Standard



Two Types of Certifications

1. Production – Individual certification & Group certification

2. Chain of Custody – Supply Chain

Production Certification: This is a process that sets the standard for sustainable management of castor production, smallholdings and castor oil processing facilities. The certification process is run by an accredited third party certification body to assess and verify that the castor production management in compliance with the standards' requirements as prescribed in the WCSF standards. **Internal Control System (ICS)** can be formed to regulate the functioning and to maintain the internal quality of the group.

Chain of Custody –Supply Chain Certification : The WCSF Chain of Custody (CoC) module can be applied across the entire supply chain. It traces the path of castor products from farm through the supply chain.

Production Certification





World Sustainable Castor Standard



Chain of Custody – Supply Chain Certification

Chain of Custody Module

Mass Balance

- ▶ MB module allows mixing of certified and non-certified products at any stage.
- ▶ The quantity of product processed is controlled. The input and output quantities shall be monitored at the site.
- ▶ Certified products delivered to the end user will be traceable to a list of WCSF certified mills.
- ▶ There are no requirement of separate storage, transportation or controls in the production process.
- ▶ MB accounting summary shall be maintained.

Segregation

- ▶ Segregation module does not allow mixing of certified and non-certified products at any stage of supply chain.
- ▶ The quantity of product processed is controlled. The input and output quantities should be monitored at the site.
- ▶ Certified products delivered to the end user will be traceable to a list of WCSF certified mills.
- ▶ The certified and non-certified product shall be kept separate at every stage of production, processing, storage, transportation.
- ▶ WCSF material accounting records shall be maintained.

Sustainable Credits

- ▶ 1 Sustainable credit is issued for 1 tonne of WCSF certified castor.
(1 tonne castor = 1 credit)
- ▶ On product claim is not allowed.
- ▶ ICS shall maintain yield estimation data and actual harvested quantity.
- ▶ Certified mill shall maintain purchase record of credits.



WCSF – Certification Bodies



- ❑ All Certification Bodies that are internationally competent to carry out certification must first be approved by the WCSF
- ❑ This is necessary to ensure that certification bodies that conduct audits under the WCSF Certification are competent to carry out credible and consistent audits

The proposed global certification agencies of WCSF :-

BUREAU VERITAS	ECOCERT	INDOCERT
ONE CERT INTERNATIONAL	SGS	CONTROL UNION
TQ CERE	CUINSPECTION	CERT ID
DNV	TUV	



Procedure for Membership



Determine Membership Type & Category (Client)

- Prospective Members decide on the type of membership they wish to apply for and the corresponding category within the organization or forum.
- **Ordinary Membership** : These organizations adopting the code & chain of custody and supporting the cause of Castor Sustainability.
- **Associate Membership** : Supporting the cause of Castor Sustainability



Admission Fee & Annual Subscription

Forum year is from 1st April to 31st March. Full amount is payable irrespective of the date of joining. Payment should be remitted by Demand Draft/Cheque/Swift/ Code /Wire Transfer payable at Mumbai favouring "World Castor Sustainability Forum".

Membership Fee Details :

MEMBERSHIP (April- March)	Admission Fee	Annual Subscription	Sub Total	GST @18%	Total
Ordinary Membership (India)(INR)	50,000/-	1,00,000/-	1,50,000/-	27,000/-	1,77,000/-
Associate Membership (India) (INR)	25,000/-	50,000/-	75,000/-	13,500/-	88,500/-
Ordinary Membership (Foreign) (US \$)	1000/-	2000/-	3000/-	540/-	3540/-
Associate Membership (Foreign) (US \$)	500/-	1000/-	1500/-	270/-	1770/-



Submit Filled & Signed Membership Application Form



Applicants must complete the membership application with requisit details, stamps and signs.

Review for Eligibility:

The submitted membership form is reviewed by the appropriate authority within the organization or forum to ensure that the applicant meets the eligibility criteria for membership.



Governance of SEA's WCSF



Governing Council :

There will be 11 members in the governing council. SEA (Solvent Extractors' Association of India) will facilitate elections to form the governing council. The governing council is the governing body of WCSF. It determines the policies and programs of WCSF and directs their implementation and conduct. The Governing Council is empowered to take all steps necessary to fulfill its function. The governing council is the ultimate decision-making body for all WCSF actions, including development, membership, and certification, etc. WCSF Secretariat and Advisory council will work under the guidance of the Governing council. The governing council shall be represented by farmers, crushers, derivative manufacturers, buyers, intermediaries, and other stakeholders. The chairman leads the governing council, with support from its members.

WCSF Secretariat :

The WCSF Secretariat has been created as the representative body for the WCSF. The WCSF Secretariat members will be recruited and appointed by the governing council. The number of members will be decided by the governing council.

Advisory Council :

The Advisory council comprises members from different sectors like Farming, Experts from Castor Supply Chain, Educational Institutions, Processing Industries, NGOs, and certification bodies.



Supporters of World Castor Sustainability Forum (WCSF)



- More than 20 crushers have volunteered to join WCSF.
- More than 15 international stake holders have volunteered to join WCSF.
- MoU for adapting the WCSF code have signed with 30 Farmer Produced Organization (FPO) to adapt the WCSF code for producing Castor seeds.



Updates



- ☐ For the purpose of sustainable castor code a subsidiary company of SEA viz “**World Castor Sustainability Forum**” under section 8 of Companies Act 2013 is registered in India. WCSF’s Article of Association (AoA) has been prepared.
- ☐ Standards for Producer and Supply chain Custody established, post discussion with stakeholders and adopted.
- ☐ Bye-laws framed.
- ☐ Website of WCSF- www.sustainablecastor.org
- ☐ stakeholder's feedback.
- ☐ Email: sustainablecastor@gmail.com
- ☐ **Membership now open.**



SALIENT FEATURES OF WCSF



- ❑ 100 % SUBSIDIARY OF THE SOLVENT EXTRACTORS' ASSOCIATION OF INDIA. SEA IS THE PREMIER AND APEX ORGANISATION OF VEG. OIL INDUSTRY IN INDIA WITH STRENGTH OF 700 MEMBERS.
- ❑ 100 % CODE DEVELOPED, POST DISCUSSION WITH STAKEHOLDERS.
- ❑ 100 % DEMOCRATIC GOVERNING COUNCIL.
- ❑ 100% DIGITAL CODE ADAPTATION FOR SEED PRODUCTION.
- ❑ TRANSFERABLE SUSTAINABLE CREDITS FOR THE SUPPLY CHAIN MEMBERS.



Membership No: WCSF-_____



CERTIFICATE OF MEMBERSHIP

This is to Certify that

ABCDEFGH XYZ 123

an Ordinary Member of

WORLD CASTOR SUSTAINABILITY FORUM

(A Subsidiary Company of The Solvent Extractors' Association of India)

Setting new dimensions to the Sustainability & Agronomics in Castor industry in Global Arena

Joining date:.....

Validity Upto:.....

Date of Issue:.....

Director

World Castor Sustainability Forum



Join the SEA's World Castor Sustainability Forum



We invite the Stakeholders to support and join SEA's

WCSF As

Ordinary Member or Associate Member

and earn

Stakeholder's Sustainability Certificate

Better Tomorrow



*Thank
You*



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