

Sustainable Palm Oil Production in India & Asia

**Together towards Sustainable &
Inclusive Palm Oil Supply Chains**

Solidaridad

South and South East Asia



**OFI India Business Congress & SOPA Soya Conference
'New Strategies - New Approaches'
19-20 May, 2017, Mumbai India**

CHANGE
THAT MATTERS

SOLIDARIDAD: A SOLUTION ORIENTED 21ST CENTURY CIVIL SOCIETY ORGANISATION

**WE PROVIDE MARKET BASED
SOLUTIONS TO SOLVE PROBLEMS**

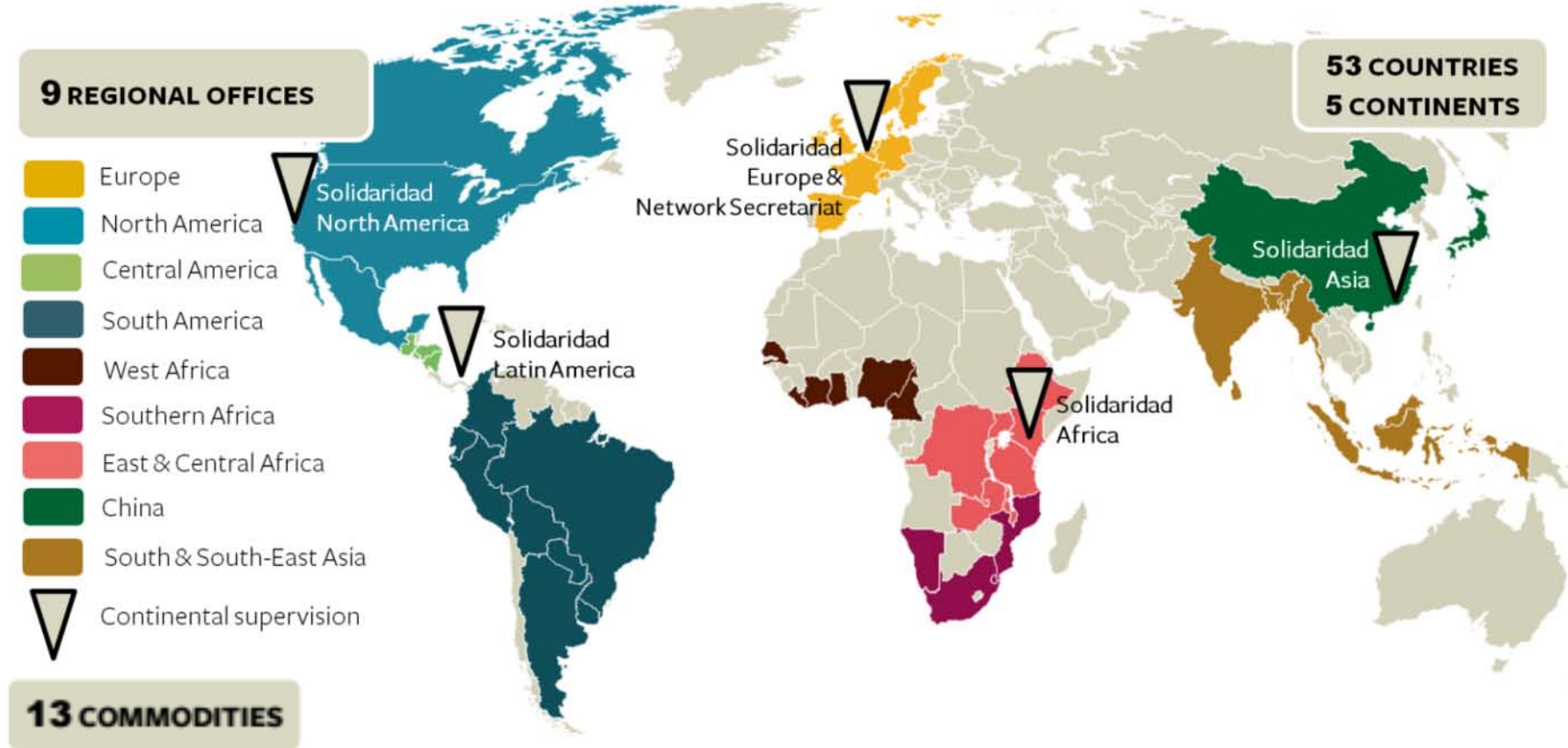
**48 YEAR TRACK RECORD IN
SUSTAINABLE SUPPLY
CHAINS**



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SOLIDARIDAD NETWORK: FOR CHANGE THAT MATTERS



13 COMMODITIES



From Fair Trade to National Standards: Solidaridad was the initiator or co-initiator for last 3 decades

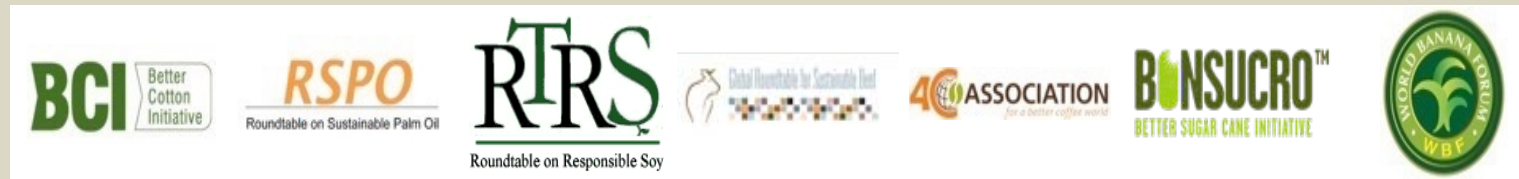
Consumers



Companies



Sectors



National Standards



A GROWING WORLD POPULATION & INCREASING CONSUMPTION...

Threaten Food Security

We need to double food production

And ensure sufficient nutrition

Fossil fuels are running out

We need to transition to a bio-based economy

Without clearing forests & destabilizing the climate

SOLIDARIDAD AIMS TO SECURE FOOD PRODUCTION

THROUGH SMART, SUSTAINABLE LAND-USE



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SOLIDARIDAD WORKS WITH



Farmers, workers & miners
To Produce More Sustainably



Industries/Businesses/Traders
To Guarantee Sustainable Sourcing



Government and National/International
Companies
To Meet Their Sustainability Goals

Solidaridad ASIA PRODUCTS



- FARMER AGGREGATION & GOVERNANCE OF FARMER'S GROUPS
- IMPLEMENT GOOD FARMING PRACTICES USING RURAL HORIZON™ SOFTWARE
- SUSTAINABILITY STANDARDS DEVELOPMENT & IMPLEMENTATION
- TRAINING FARMERS ON CLIMATE-SMART SUSTAINABLE FARMING TECHNOLOGIES



- FACILITATE CREDITS & INVESTMENTS FOR SCALING UP OF AGRO-SMES
- BUSINESS ADVISORY & TURNAROUND STRATEGIES FOR AGRO SMES & FARMERS COMPANIES
- SUPPLY CHAIN INTEGRATION & MATCH MAKING



- RECLAMATION OF DEGRADED LAND FOR FARMING
- TREATMENT & REUSE OF WASTE WATER FOR FARMING
- MANAGEMENT OF WATER BODIES
- WATER SAVING TECHNOLOGIES IN AGRICULTURE



- MULTI-STAKEHOLDER ROUNDTABLES
- RESEARCH AND POLICY DOCUMENTS
- SUSTAINABILITY ADVISE TO BUSINESSES AND GOVERNMENTS

PALM OIL IS A GREAT PRODUCT WHICH IS USED IN MANY EVERYDAY PRODUCTS





MOST REWARDING CROP FOR THE FARMERS

BUT THERE ARE ALSO CASES OF UNSUSTAINABLE PRACTICES ON OIL PALM PLANTATIONS AND FARMS GLOBALLY

Destruction of valuable forest and peat lands

Endangers biodiversity

Conflict with forest communities & land conflicts

Smallholders and workers issues



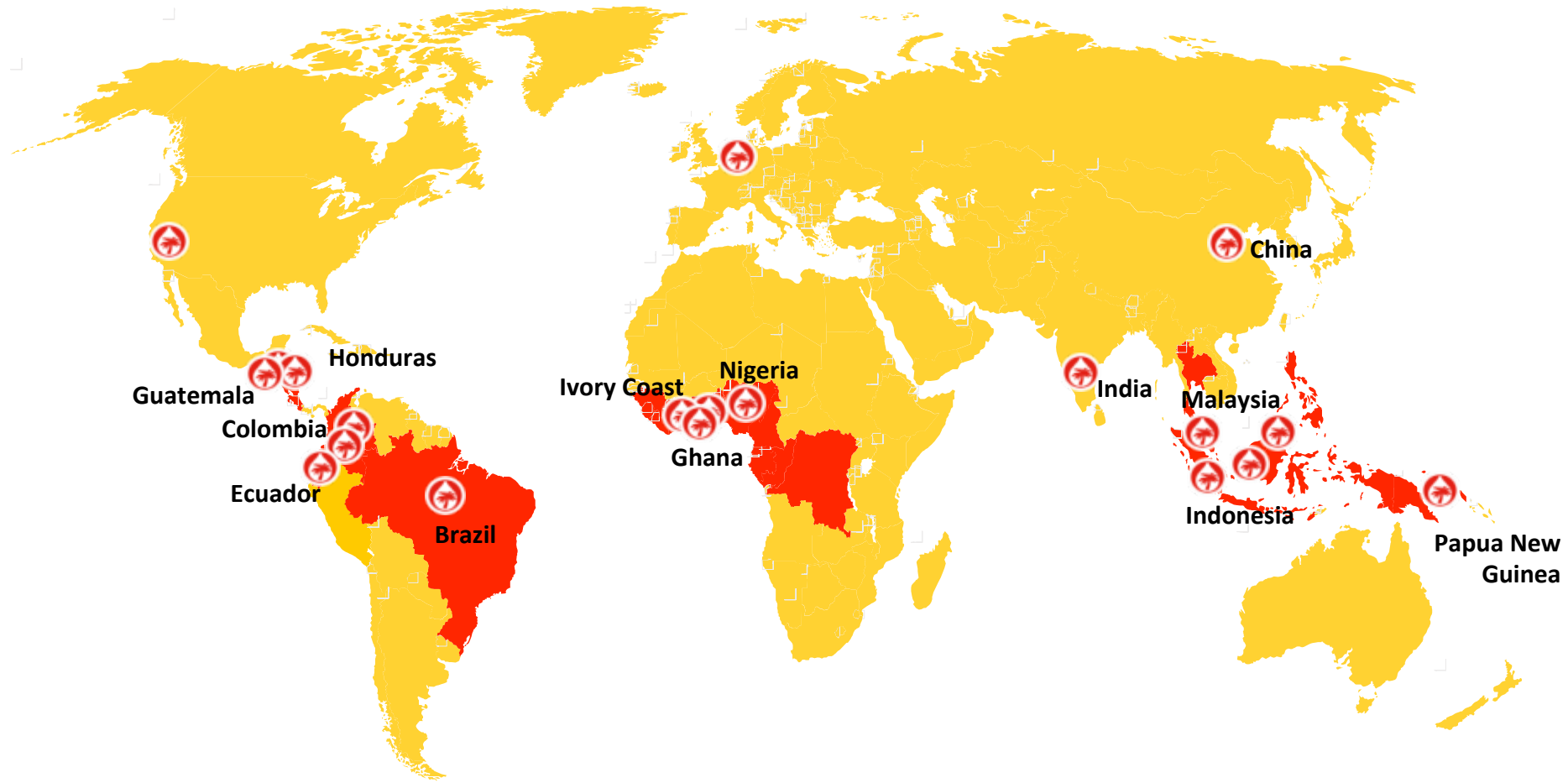
SOLIDARIDAD APPROACH

Reduce / Avoid Negative Impacts of Palm Oil

Support Positive Impacts, Especially for Smallholders

Realise Sustainable Palm Oil Markets

GLOBAL PALM OIL PROGRAMME



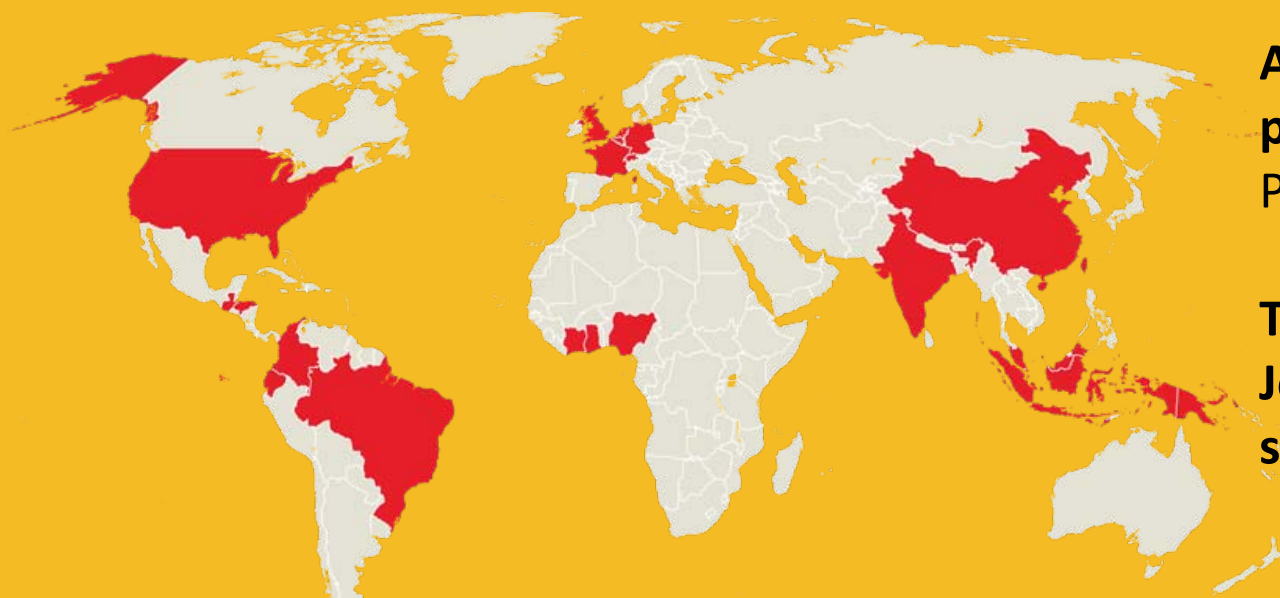
PROJECTS & STAFF IN ALL MAJOR PRODUCING REGIONS

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SOLIDARIDAD SUSTAINABLE PALM OIL PORTFOLIO ASIA

Producer support, market development and policy advocacy programmes



ASPN – Multi-stakeholder platform for sustainable palm oil production and trade & build National consensus like “India Palm Oil Sustainability Framework”

The Solvent Extractors’ Association of India - Solidaridad Jointly aiming to transform Indian oil seeds & edible oil sector

“Make in India” & “More Crop per Drop”



MoU with Ruchi Soya in presence of Mr Mark Rutte, honourable prime minister of the Netherlands



MoU with The Malaysian Palm Oil Board (MPOB)



InPoP - Indonesia Palm Oil Platform with support of ministry of Agriculture to promote sustainability



Stakeholder from China Unite to Promote Sustainable Palm Oil

Producer Development Support in Asia



Projects in India, Malaysia, Indonesia, Papua New Guinea

Innovative Projects supporting:

- Good Practices by Smallholders
- Robust Rural Infrastructures



An aerial photograph showing a landscape with a mix of green forest and large, cleared orange-brown areas, possibly agricultural or industrial sites. The text is overlaid on the top left and middle of the image.

**A INCLUSIVE & SUSTAINABLE
TRANSFORMATION IS NEEDED**

**KEY ASIAN MARKETS OF INDIA, CHINA,
INDONESIA AND MALASIYA HAVE MAJOR
ROLE TO PLAY**

ASIAN SUSTAINABLE PALM OIL NETWORK, ASPN



INDIA: DEMAND AND SUPPLY OF EDIBLE OIL

- India is in short of meeting edible oil demand, with 25 to 26 million tons of oilseeds production producing around 7 million tons of edible oil
- The deficit of 15 Million tons in demand and supply is met by import
- India is the largest importer of Palm Oil in World, Indonesia largest supplier (~70% share) followed by Malaysia.
- Indian demand for edible oil is rising by 5 to 5.5% per annum from present level of 20-21 million tonnes by one million tons per annum

PALM OIL PRODUCTION AND CONSUMPTION IN INDIA

- Palm oil has potentials to play major role in food security in India in circumstances of scarcity of agricultural lands and increasing population
- Government of India, identified a total potentials area of 1.95 million ha for cultivation of Oil Palm
- Currently 0.3 Million hectares is planted under the oil palm
- India's production of Palm Oil is a fraction of total demand
- Around 90% of Palm Oil in India is used for cooking/food items, also it is distributed through the Public Distribution System

Potential areas for growing Oil Palm cultivation in India



PRODUCER SUPPORT SOY AND PALM OIL INDIA



Around 200,000 producers



Avg. 10-15 % yield increased



Producers' are organized in Groups & producer organizations



Market linkages & Industry Engagement

Stimulating Climate of Continuous Improvement

- National initiatives for sustainable production, trade of Palm Oil and Soy
- Developing Indian Palm Oil Sustainability Framework
- Good practices & Reinforcing Robust Infrastructure



Madhya Pradesh, Maharashtra & Rajasthan



Andhra Pradesh



Solidaridad- Indian Institute of Soybean Research Front Line Demonstrations



National Platform for Sustainable Palm Oil



Solidaridad-Ruchi Sustainable Palm Oil Field Programme

OIL PALM PRODUCER SUPPORT IN INDIA

- Better Management Practices (BMPs) for improving productivity and efficient use of water “More Crop per Drop”
- Supporting 12000 farmers in East & West Godawari Districts of Andhra Pradesh



Solidaridad executive training farmers with Mobile App



Women Lead Farmer Sharing her experience



Training by Scientist from Indian Institute for Oil Palm Research

FIELD PILOT OF INDIAN PALM OIL SUSTAINABILITY (IPOS) FRAMEWORK



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JOIN US
FOR CHANGE
THAT MATTERS

Thank you for your attention

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