

What is the SEnSOR Programme?



The **S**ocially and **En**vironmentally **S**ustainable **O**il palm **R**esearch (**SEnSOR**) programme:

an integrated multi-disciplinary research programme designed to fill key knowledge gaps in testing and developing the RSPO's Principles and Criteria for sustainability in oil palm agriculture.



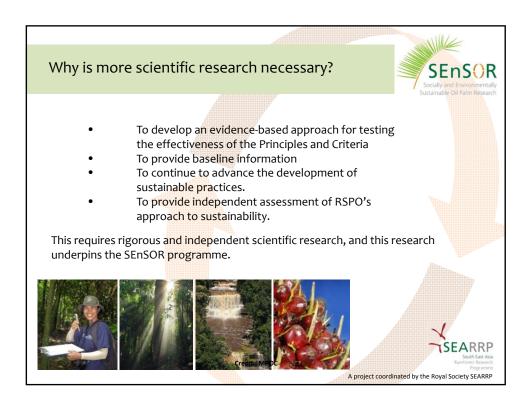


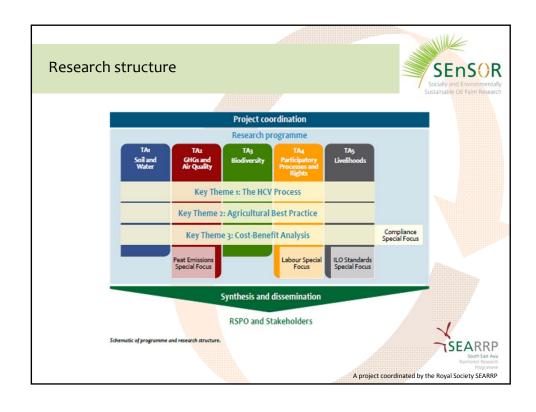




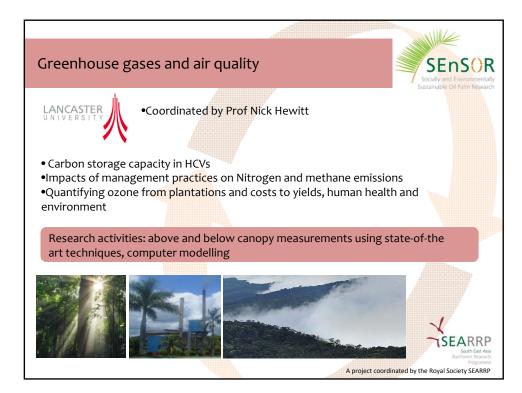












*Coordinated by Dr Keith Hamer UNIVERSITY OF LEEDS *Coordinated by Dr Keith Hamer UNIVERSITY OF LEEDS *How to quantify and improve biodiversity levels in HCV-designed oil palm landscapes *Impacts of management practices on plantation biodiversity *Costs and benefits of implementing biodiversity-friendly practices and monitoring Research activities: biodiversity field surveys, GIS and computer modelling **SEARP Locally and Environmentally Sustainable of Pain Research *A project coordinated by the Royal Society SEARP *A project coordinated by the Royal Society SEARP **A project coordinated by the Royal Society SEARP **A

Participatory Processes and Rights





•Coordinated by Dr Michiel Kohne

- Ensuring that FPIC and the HCV process are effective in delivering benefits to communities
- •Effectiveness of approaches and incentives for community involvement by plantations
- •Effectiveness and improvement of mechanisms for labour organisation

Research activities: Inventories of current strategies, multi-stakeholder surveys, in depth case-studies.









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Livelihoods





- •Coordinated by Dr Maja Slingerland and Jolanda van den Berg
- Use of natural resources and ecosystem services by smallholders and effectiveness of HCVs in provision of these
- •Adoption of sustainable agricultural practices by smallholders through social organisation
- •Impacts of implementing ILO standards for employers, employees and profits

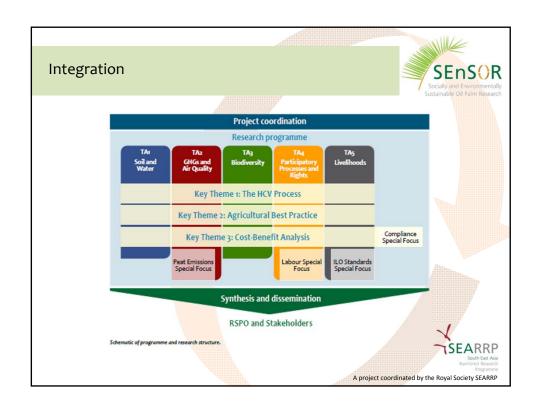
Research activities: participatory education and training approaches, inventory of livelihood strategies, bio-economic modelling













How will findings from the SEnSOR programme help stakeholders?



- Our findings will underpin confidence in the RSPO approach to sustainability and provide a credible scientific evidence base.
- Confidence in RSPO Principles and Criteria by markets and the public will encourage demand for RSPO certified palm oil, thereby enhancing profits.
- Findings will highlight which practices are effective and deliver alternative
 recommendations where appropriate. This will help growers target resources
 effectively, and have confidence that compliance with RSPO Principles and Criteria
 delivers sustainability and produces long term benefits.
- Palm oil users and investors can be confident that their commitment to RSPO
 certified palm oil is fulfilling their obligations to sourcing and investing in sustainable
 products.
- Findings from SEnSOR will enable the RSPO and its members to develop the best
 methods for ensuring a sustainable palm oil industry, helping to safeguard the
 natural environment, local communities and society.











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Facilitating impact of SEnSOR findings through knowledge exchange



We will create maximum impact through effective dissemination of findings...

... so that research outputs can be translated into policy and practice by RSPO, NGOs, stakeholders, and governments.

We will involve funders, stakeholders and RSPO at all stages of programme delivery...

... working together to ensure that the programme's findings are delivered to the most appropriate people and in the most useable way.

SEARRP South East Asia Rainforest Research

Exit Strategy

SENSOR
Socially and Environmentally
Sustainable Oil Palm Research

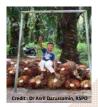
A lasting legacy of established processes and collaboration with and between local institutions and organisations for effective implementation of programme findings and recommendations.

This legacy will involve embedding long term monitoring and analysis of standardised information into RSPO Principles and Criteria beyond the timeframe of the SEnSOR programme.

We will build scientific research capacity through local collaborations and graduate studentships in oil palm growing countries and equip key personnel with the knowledge needed to train others into the future.









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Conclusion

SEnSOR will deliver major, evidence-based gains in sustainability...

... and provide a robust, credible foundation for the continued development of RSPO Principles and Criteria.

The economic importance and potential environmental and social impacts of palm oil production necessitate rigorous assessment and testing of RSPO guidelines for sustainability-this is SEnSOR's mission.

We are now seeking funding for the implementation of the full programme.



