

**Proceedings of the 56<sup>th</sup> Meeting of  
Project Approval Committee (PAC) of Technology Mission on  
Coconut held at National Institute of Agricultural Extension  
Management (MANAGE), Hyderabad on 06<sup>th</sup> December 2019**

The 56<sup>th</sup> meeting of the Project Approval Committee (PAC) on Technology Mission on Coconut was held at **National Institute of Agricultural Extension Management (MANAGE), Hyderabad on 06<sup>th</sup> December 2019**. Smt. G. Jayalakshmi IAS Chairperson, Coconut Development Board and Chairman PAC presided over the meeting. At the outset Chairperson welcomed all the members of PAC and agenda were taken up. The list of participants is enclosed as *Annexure-I*.

**AGENDA No. 1: Confirmation of the Proceedings of 55<sup>th</sup> Project Approval Committee Meeting held on 25<sup>th</sup> September 2019**

The Committee confirmed the proceedings of the 55<sup>th</sup> Project Approval Committee meeting held on 25.09.2019. The committee opined that eligibility for assistance under TMoC to be considered as per MIDH guidelines for SC/ST women as well as for general category on par with other regular schemes. Mrs. Minnie Mathew IAS (Retd) and Ex-Chairman, CDB opined that TMoC is formulated for assisting new innovative by products from coconut hence coconut oil needs to be examined for assistance under TMoC.

**AGENDA No. 2: Action Taken Report on Decisions of the 55<sup>th</sup> PAC Meeting**

The committee perused the action taken on decisions of the 55<sup>th</sup> meeting of Project Approval Committee. Chief Coconut Development Officer informed that 3(research) projects and 15 (adoption) projects sanctioned by the 55<sup>th</sup> PAC. First installment for 1 research project and 4 adoption projects is being released.

**AGENDA No. 3: Approval of New Project Proposals:**

- 1. Development of a rapid farmer friendly Phytoplasma detection tool for Coconut Yellowing Disease. - Unibiosys Biotech Research Labs, Kochi, Kerala.**

The objectives of the project are as follows

- To develop a device to detect the pathogen quickly, efficiently, easily and with high sensitivity.
- To develop a point of care detection technology for coconut farmers for the easy identification of pathogens without lab expertise.

PAC discussed the project in detail and suggested to redesign the same for predominant debilitating root wilt disease and, to reduce the project cost with minimal infrastructure, lab equipment and also by engaging JRF's.

**The project may be presented in next PAC.**

## **2. Development of Potentially Viable Coconut Value Added Products – Tamil Nadu Agricultural University, Coimbatore, Tamil Nadu.**

The objectives of the project are as follows:

- To standardize the technology for the production of tender coconut kernel leather.
- To spray dry the coconut water from copra to reduce the wastage.
- To study the physic chemical changes during storage with suitable packaging materials.
- To blend the coconut water power with instant energy drinks.

**PAC discussed the project in detail and deferred the project since PI was not present. Director CFTRI commented that the project is not revised as per last PAC decision and opined that the project with coconut leather does not appear to be feasible hence better to go with pulp.**

## **3. Design and development of Smart Copra dryer- Agricultural Research Station, Kerala Agricultural University, Mannuthy, Thrissur, Kerala.**

The objectives of the project are as follows:

- Design and development of a forced convection batch type copra dryer for high quality copra production.
- Conduct field test and assess the performance of developed copra dryer comparing with that of natural convection batch type copra dryer.

PAC discussed the project in detail and suggested

- To revise and prune down the project for a prototype by scaling down the capacity for a maximum of 600 nuts/ batch which can be scaled up in future as per the demand of the farms/ entrepreneurs.
- The project may also include material energy balance for heat flow.

**Project may be placed before next PAC.**

**4. Coconut neera sugar and its Glycemic Index (GI) and Glycemic Load (GL) studies- CSIR -National Institute for Interdisciplinary Science and Technology [NIIST], Thiruvananthapuram, Kerala.**

The objectives of the project are as follows:

- Standardization of sugar preparation procedure and comparison with the popular procedures that is currently available.
- Sensory and shelf life studies.
- GI&GL Studies.
- Exploration of bioactives

PAC discussed the project in detail and suggested

- To submit revised project including GI studies for tender coconut water also with 6-8 months maturity level.
- Studies to be undertaken for neera sugar with three samples- developed by CPCRI, NIIST, and a branded sample available in the market.

**Revised project may be presented before next PAC.**

**5. Production of Carbon Molecular Sieves from Coconut Residues/ Wastes- Agricultural Engineering College and Research Institute, Tamil Nadu Agricultural University, Coimbatore, Tamil Nadu**

The objectives of the project are as follows:

- Biochar production from Coconut residues by slow pyrolysis and sequential activation using steam and dehydrating agents.
- Process optimization and production of carbon molecular sieves from activated biochar by chemical vapor deposition process.
- Validation of the developed coconut residues based carbon molecular sieves on selectivity and adsorption capacity for gas separation.

PAC discussed the project in detail and **approved the project for Rs.17.50 lakh only after excluding the cost of automatic proximate analyzer costing Rs.12.00 lakhs of the original proposal of Rs.29.50 lakhs.**

**Tender Coconut Water Processing & Packing Unit**

**6. Establishment of Tender Coconut Water processing and packing Unit- M/s. Muthuvel Enterprises., SF No.45/7, Vaguthampalayam Village , Kinathukadavu Tk, Coimbatore, Tamil Nadu**

The objective of the project is setting up Tender Coconut Water Processing and Packing Unit with a capacity to process 2000 litre of tender coconut water per day.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakh)		
Land	Own	-	-
Building & Civil works	54.20	40.00	10.00
Plant & Equipments (including electrification)	139.17	128.50	32.12
Pre op. expenses	2.00	1.68	0.42
Working Capital margin	16.00	-	-
<b>TOTAL</b>	<b>211.37</b>	<b>170.18</b>	<b>42.54</b>

After detail discussion, PAC suggested to furnish the following documents.

- Bank statement- repayment details of one year
- Letter of intent.
- Process technology details and to ascertain whether the change in machinery is with approval of the financing bank.
- FSSAI certification.
- Shelf life study.
- Quality testing for microbial load from a NABL accredited lab.
- Authentication detail related to co-branding.
- Inspection of the unit by the Board.

**Project may be placed before next PAC.**

**7. Setting up of a unit for Tender Coconut Water Bottling Plant- M/s. Madhura Agro Process Pvt. Ltd., 2A Tapovan Complex, Karadimadai Road, Kuppanur Post, Coimbatore, Tamil Nadu.**

The objective of the project is setting up Tender Coconut Water Processing and Packing Unit with a capacity to process 15000 tender coconuts per day to produce 5000 litre of tender coconut water per day.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakh)		
Land	Lease	-	-
Building & Civil works	20.21	-	-

Plant & Equipments	70.45	67.07	16.77
Technical know-how	10.00	-	-
Pre op. expenses	36.24	0.67	0.16
Working Capital margin	5.00	-	-
<b>TOTAL</b>	<b>141.90</b>	<b>67.74</b>	<b>16.93</b>

PAC approved the project subject to the condition that the following details are furnished:

- Bank statement- last 18 months loan repayment.
- Production statement- last 6 months.
- Copy of supply orders for the sale of product.
- FSSAI certification.
- Inspection of the unit by Board.

*Virgin Coconut Oil Manufacturing Unit*

**8. Setting up of a Virgin Coconut Oil manufacturing unit- M/s. Konasseema Agro Products, Kondalamma Chintha, Mummidivaram, East Godavari District, Andhra Pradesh**

The objective of the project is setting up of a Virgin Coconut Oil manufacturing unit with a capacity to process 5000 coconuts per day.

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakh)		
Land & Land Dev	Own	-	-
Building & Civil works	14.70	6.59	1.65
Plant & Machinery including ETP	58.47	58.05	14.51
Electrical installation	9.23	2.90	0.73
Preliminary & Pre op. expenses	5.00	0.72	0.18
Generator	4.90	4.90	1.22
Furniture	2.00	-	-
Working Capital Margin	13.33	-	-
<b>TOTAL</b>	<b>107.63</b>	<b>73.16</b>	<b>18.29</b>

After detail discussion, PAC approved the project with a maximum eligible subsidy of Rs. 18.29 lakh.

Activated Carbon manufacturing Unit

**9. Setting up of Coconut shell based Steam Activated Carbon unit - M/s. Indcarb Activated Carbon Pvt. Ltd., New Industrial Development Area (India), Kanjikode, Palakkad, Kerala.**

The objective of the project is setting up of a Coconut shell based Steam activated carbon manufacturing unit with a capacity to produce 12.5Tons of Activated Carbon per day.

<b>Components</b>	<b>Total Project Cost</b>	<b>Eligible Project Cost</b>	<b>Maximum Eligible Subsidy</b>
	<b>(Rs. in lakh)</b>		
Land	26.96	-	-
Building & Civil works	774.89	180.00	45.00
Plant & Equipments	1703.24	743.21	185.80
Pre operative expenses	218.91	9.23	2.30
Working Capital margin	184.00	-	-
<b>TOTAL</b>	<b>2908.00</b>	<b>932.44</b>	<b>233.10</b> <b>Limited to 50.00</b>

After detail discussion, PAC approved the project with a maximum eligible subsidy of **Rs.50.00 lakh subject to the following conditions**

- To check whether Kerala Financial Corporation comes under eligible financial institutions under the guidelines of TMOc.
- Inspection of the unit by the Board.

**Report of the above mentioned conditions may be placed before next PAC.**

Ball Copra Units

**10. Setting up of a Ball Copra Making Unit- Sri Lakshmi Durga Coconuts, D No.1 – 82, Opp Sadhana School, Nidamaru (IMD), Bavayapalem Post, West Godavari District, Andhra Pradesh.**

The objective of the project is to process 27 lakh coconuts per year

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakh)		
Land	Own	-	-
Platform Dryer	40.00	31.27	7.82
<b>TOTAL</b>	<b>40.00</b>	<b>31.27</b>	<b>7.82</b>

After detail discussion, PAC deferred the project since the promoter could not present.

**11. Setting up of a Ball Copra Making Unit- M/s. Madhavayya Traders, No. 4-115, Zilla Parshad Road, Bhaggeswaram, Palakol Mandal, West Godavari District, Andhra Pradesh**

The objective of the project is to process 25 lakh coconuts per year

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakh)		
Land	-	-	-
Platform Dryer	80.00	57.71	14.43
<b>TOTAL</b>	<b>80.00</b>	<b>57.71</b>	<b>14.43</b>

After detailed discussion PAC approved the project with a maximum eligible subsidy of Rs.14.43 lakh as per eligible norms of TMOc.

**12. Impact of water/ soil moisture conservation to enhancing production of coconut under rainfed and deficit irrigated farms- ICAR-Central Plantation Crops Research Institute (CPCRI), Kasaragod, Kerala.**

The objectives of the project are as follows:

- To analyse the impact of water/ soil moisture conservation techniques in coconut gardens on soil moisture and ground water resource
- To assess the effect of water/ soil moisture conservation on coconut yield and economics.
- To analyse the perception of farmers and extension personal on scaling up of adoption of water/ soil moisture conservation techniques in coconut farming.

PAC discussed the project in detail and suggested

- To revise the project cost by restricting project implementation area to two states- Kerala & Karnataka instead of 4 states.
- To be undertaken for two models- one rainfed and one deficit irrigated to be undertaken in Kasaragod (Kerala) and DSP farm Dhali (Tamil Nadu).

**Revised project may be placed before next PAC.**

### Market Promotion

**13. To carry out various brand promotional programme for ‘Mayooram’ brand Coconut Oil and Virgin Coconut Oil- M/s.Eramala SCB Ltd., Earamala P.O., Orkkattery Via, Kozhikode, Kerala**

Sl. No.	Activities Proposed	Estimated Cost (Rs.)
1	Brand Publicity through digital marketing (web site development, online marketing, bar coding, QR code, social media marketing etc.)	16,39,450.00
2.	Brand Publicity through mass media News paper, magazines, TV advertising, AIR, Railway Announcement)	6,13,700.00
3.	Printing of publicity materials (Leaflets, pamphlets, Brochures, Posters, pull outs etc.)	6,33,350.00
4.	OoH/Below the line activities (Hoardings (print/electronic), bill boards, products demo etc.)	14,46,600.00
	<b>Total</b>	43,28,600.00

PAC discussed the project in detail and approved the project subject to the guidelines and standards followed as per DAVP norms & Directorate of Information and public relations norms. Standards to be worked separately for each component as above.

**May be ratified in the next PAC.**

**14. To carry out various brand promotional programme for ‘Natural’ brand Coconut Oil- M/s.Kodiyathur SCB Ltd., Ernajimavu, Pannikode P.O., Kozhikode, Kerala.**

Sl. No.	Activities Proposed	Estimated Cost (Rs.)
1	Brand Publicity through digital marketing(web site development, online marketing, bar coding, QR code, social media marketing etc.)	16,12,250.00
2.	Brand Publicity through mass media News paper, magazines, TV advertising, AIR, Railway Announcement)	6,07,500.00
3.	Printing of publicity materials (Leaflets, pamphlets, Brochures, Posters, pull outs etc.)	4,54,100.00
4.	OoH/Below the line activities (Hoardings(print/electronic), bill boards, products demo etc.)	13,72,700.00
	<b>Total</b>	40,46,550.00



PAC' discussed the project in detail and approved the project subject to the guidelines and standards followed as per DAVP norms & Directorate of Information and public relations norms. Standards to be worked separately for each component as above.

**May be ratified in the next PAC.**

**15. To carry out various brand promotional programme for 'Green Dew' brand Coconut Oil- M/s.Nanniyode SCB Ltd., Pacha P.O., Trivandrum, Kerala.**

Sl. No.	Activities Proposed	Estimated Cost (Rs.)
1	Brand Publicity through digital marketing(web site development, online marketing, bar coding, QR code, social media marketing etc.)	17,21,400.00
2.	Brand Publicity through mass media News paper, magazines, TV advertising, AIR, Railway Announcement)	6,83,900.00
3.	Printing of publicity materials (Leaflets, pamphlets, Brochures, Posters, pull outs etc.)	6,33,350.00
4.	OoH/Below the line activities (Hoardings(print/electronic), bill boards, products demo etc.)	15,43,100.00
	<b>Total</b>	45,81,750.00

PAC discussed the project in detail and approved the project subject to the guidelines and standards followed as per DAVP norms & Directorate of Information and public relations norms. Standards to be worked separately for each component as above.

**May be ratified in the next PAC.**

**16. To carry out various brand promotional programme for 'Uraco' brand Coconut Oil- M/s.Urunggattiri SCB Ltd., Urunggattiri, Areacode P.O., Malapuram, Kerala.**

Sl. No.	Activities Proposed	Estimated Cost (Rs.)
1	Brand Publicity through digital marketing(web site development, online marketing, bar coding, QR code, social media marketing etc.)	16,39,050.00
2.	Brand Publicity through mass media News paper, magazines, TV advertising, AIR, Railway Announcement)	6,91,000.00
3.	Printing of publicity materials (Leaflets, pamphlets, Brochures, Posters, pull outs etc.)	4,53,500.00
4.	OoH/Below the line activities	13,85,500.00

	(Hoardings(print/electronic), bill boards, products demo etc.)	
	<b>Total</b>	41,69,050.00

PAC discussed the project in detail and approved the project subject to the guidelines and standards followed as per DAVP norms & Directorate of Information and public relations norms. Standards to be worked separately for each component as above.

**May be ratified in the next PAC.**

**17. To carry out various brand promotional programme for ‘Copro’ brand Coconut Oil- M/s.Venginissery SCB Ltd., Paralam P.O., Thrissur, Kerala.**

Sl. No.	Activities Proposed	Estimated Cost (Rs.)
1	Brand Publicity through digital marketing(web site development, online marketing, bar coding, QR code, social media marketing etc.)	16,25,100.00
2.	Brand Publicity through mass media News paper, magazines, TV advertising, AIR, Railway Announcement)	6,49,500.00
3.	Printing of publicity materials (Leaflets, pamphlets, Brochures, Posters, pull outs etc.)	4,11,000.00
4.	OoH/Below the line activities (Hoardings(print/electronic), bill boards, products demo etc.)	11,61,700.00
	<b>Total</b>	40,46,300.00

PAC discussed the project in detail and approved the project subject to the guidelines and standards followed as per DAVP norms & Directorate of Information and public relations norms. Standards to be worked separately for each component as above.

**May be ratified in the next PAC.**

**18. To carry out various brand promotional programme for ‘Onattukara’ brand Coconut Oil- M/s.Onattukara Coconut Producer Company Ltd., Kattanam, Pallickal P.O., Alappuzha, Kerala**

Sl. No.	Activities Proposed	Estimated Cost (Rs.)
1	Brand Publicity through digital marketing(web site development, online marketing, bar coding, QR	2,50,000.00

	code, social media marketing etc.)	
2.	Brand Publicity through mass media News paper, magazines, TV advertising, AIR, Railway Announcement)	9,00,000.00
3.	Printing of publicity materials (Leaflets, pamphlets, Brochures, Posters, pull outs etc.)	2,00,000.00
4.	OoH/Below the line activities (Hoardings(print/electronic), bill boards, products demo etc.)	1,50,000.00
5.	Quality certification(ISO 22000/HACCP/QMS)	75,000.00
6	Participation in International Exhibitions	4,50,000.00
	<b>Total</b>	20,25,000.00

PAC discussed the project in detail and approved the project subject to the guidelines and standards followed as per DAVP norms & Directorate of Information and public relations norms. Standards to be worked separately for each component as above.

May be ratified in the next PAC.

**19. To carry out various brand promotional programme for ‘Thejas’ brand Coconut Oil-  
M/s.Thejaswini Coconut Farmers Producer Company Ltd., C.P. II-376/K7, First Floor,  
Thattassery Building, Cherupuzha P.O., Kannur, Kerala.**

Sl. No.	Activities Proposed	Estimated Cost (Rs.)
1	Brand Publicity through digital marketing(web site development, online marketing, bar coding, QR code, social media marketing etc.)	4,85,000.00
2.	Brand Publicity through mass media News paper, magazines, TV advertising, AIR, Railway Announcement)	9,56,300.00
3.	Printing of publicity materials (Leaflets, pamphlets, Brochures, Posters, pull outs etc.)	3,00,000.00
4.	OoH/Below the line activities (Hoardings(print/electronic), bill boards, products demo etc.)	1,90,000.00
	<b>Total</b>	19,31,000.00

PAC discussed the project in detail and approved the project subject to the guidelines and standards followed as per DAVP norms & Directorate of Information and public relations norms. Standards to be worked separately for each component as above.

**May be ratified in the next PAC.**

**20. To carry out various brand promotional programme for ‘V-nad’ brand Coconut Oil- M/s.Valluvanad Coconut Producer Company Ltd., Porunnumparamba, Vattalloor P.O., Makkaraparamba, Malappuram, Kerala.**

Sl. No.	Activities Proposed	Estimated Cost (Rs.)
1	Brand Publicity through digital marketing(web site development, online marketing, bar coding, QR code, social media marketing etc.)	2,56,000.00
2.	Brand Publicity through mass media News paper, magazines, TV advertising, AIR, Railway Announcement)	10,00,000.00
3.	Printing of publicity materials (Leaflets, pamphlets, Brochures, Posters, pull outs etc.)	2,00,000.00
4.	OoH/Below the line activities (Hoardings(print/electronic), bill boards, products demo etc.)	1,50,000.00
5.	Quality certification(ISO 22000/HACCP/QMS)	75,000.00
6	Participation in International Exhibitions	5,00,000.00
	<b>Total</b>	<b>21,90,000.00</b>

PAC discussed the project in detail and approved the project subject to the guidelines and standards followed as per DAVP norms & Directorate of Information and public relations norms. Standards to be worked separately for each component as above.

**May be ratified in the next PAC.**

**21. To carry out various brand promotional programme for “Green Valley” brand Virgin Coconut Oil and Coconut Oil- M/s.Green Valley Oils, Idumpakachola P.O., Kanhirapuzha, Palakkad, Kerala.**

Sl. No.	Activities Proposed	Estimated Cost (Rs.)
1	Brand Publicity through digital marketing(web site development, online marketing, bar coding, QR code,	8,49,600.00

	social media marketing etc.)	
2.	Brand Publicity through mass media News paper, magazines, TV advertising, AIR, Railway Announcement)	9,44,000.00
3.	Printing of publicity materials (Leaflets, pamphlets, Brochures, Posters, pull outs etc.)	5,18,000.00
4.	OoH/Below the line activities (Hoardings(print/electronic), bill boards, products demo etc.)	4,05,440.00
	<b>Total</b>	27,17,040.00

PAC discussed the project in detail and approved the project subject to the guidelines and standards followed as per DAVP norms & Directorate of Information and public relations norms. Standards to be worked separately for each component as above.

**May be ratified in the next PAC.**

**22. To carry out various brand promotional programme for ‘The Happy Grove Co.’ brand Virgin Coconut Oil & Desiccated Coconut- M/s.KCK Agro Products Private Limited, Plot No.18, KSIDC Industrial Growth Centre, Kinaloor, Kozhikode, Kerala.**

Sl. No.	Activities Proposed	Estimated Cost (Rs.)
1	Brand Publicity through digital marketing(web site development, online marketing, bar coding, QR code, social media marketing etc.)	16,95,660.00
2.	Brand Publicity through mass media News paper, magazines, TV advertising, AIR, Railway Announcement)	8,85,000.00
3.	Printing of publicity materials (Leaflets, pamphlets, Brochures, Posters, pull outs etc.)	3,95,300.00
4.	OoH/Below the line activities (Hoardings(print/electronic), bill boards, products demo etc.)	92,040.00
	<b>Total</b>	30,68,000.00

PAC discussed the project in detail and approved the project subject to the guidelines and standards followed as per DAVP norms & Directorate of Information and public relations norms. Standards to be worked separately for each component as above.

**May be ratified in the next PAC.**

## **Additional items**

### **23. Design, fabrication and standardizing the process parameters of a portable biochar unit for tender coconut husk- ICAR-Central Plantation Crops Research Institute (CPCRI), Kasaragod, Kerala.**

The objectives of the project are as follows

- Design and fabrication of prototype of a portable biochar unit Optimizing the process parameters to produce quality biochar.
- To evaluate the technical performance of the prototype to convert tender coconut husk to biochar
- Modification of the prototype, if required.
- Field demonstration of the biochar unit.

**PAC discussed the project in detail and approved the project for Rs.7.00 lakh .**

### **24. Coconut Wood Processing And Product Diversification- M/s The Edavanakad Service Co-operative Bank Ltd, Edavankad, Ernakulam, Kerala.**

The objectives of the project are as follows:

- Add value to coconut wood by producing and marketing coconut wood products to get sustainable monetary benefits to farmer community and industry associates.
- Promising product options for the furniture and veneer from coconut stem. This involves economic analysis of the value chain, product development.
- Document viable protocols for felling, grading, primary processing at site and factory, chemical treatment and transport methodologies.
- Use coconut wood lumber as a hardwood substitute and introduce to the industry.
- Design, develop and make furniture prototypes using coconut wood as the base raw material.
- Establish experimental veneer- peeling and plywood making with existing industry support.
- Determine the optimum processing parameters and protocols for peeling coconut stems and the properties of the recovered veneer through determination of the primary characteristics of dried and graded veneer.
- Follow standardization procedure for coconut ply with IPRITI.
- Develop product options for the cortex and low density part of the stem and central cores remaining after logging and peeling, for by-product utilization.
- Training unskilled people on coconut felling, sawing and sizing of felled coconut wood at site.

**PAC discussed the project in detail and commented that**

- Bank feasibility for research to be ascertain from the bylaw of M/s Edavanakad Service Co-operative Bank Ltd and also the capability of the bank to undertake the same.
- Project may be in collaboration with reputed institutes in relevant field like IPRITI, Bangalore
- Outcome of the study to be specific and the project may be restricted to coconut ply only.

**Based on the clarification of the above points, revised proposal can be placed in next PAC.**

**25. Setting up of a coconut oil processing unit- M/s. Nanniyode Service Co-operative Bank Ltd. No.T1161, Nanniyode, Pacha PO, Trivandrum, Kerala.**

The objective of the project is to process 20 MT coconuts per day (40,000 coconuts)

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakh)		
Land	Own	-	-
Building & civil works	-	-	-
Plant & Equipments	138.24	138.24	34.56
Others - Technical civil works	69.76	-	-
Working Capital margin	14.50	-	-
<b>TOTAL</b>	<b>222.50</b>	<b>138.24</b>	<b>34.56</b>

**PAC discussed the project in detail and deferred the project since the promoter could not present.**

**26. Setting up of a coconut oil processing unit- M/s. Venginissery Service Co-operative Bank Ltd., No.R.528, Paralam P O, Thrissur, Kerala**

The objective of the project is to process 20 MT coconuts per day (40,000 coconuts)

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakh)		
Land	Own	-	-
Building & civil works	-	-	-
Plant & Equipments	196.64	196.64	49.16
Pre-operative Expenses	2.50	2.15	0.54

Electrical installation	9.66	9.83	2.45
Others – DG set, ETP Transformer	14.70	8.60	2.15
Working Capital margin	22.50	-	-
<b>TOTAL</b>	<b>246.00</b>	<b>217.22</b>	<b>54.30</b> <b>Limited to 50.00</b>

PAC discussed the project in detail and deferred the project since the promoter could not present.

**Other items:-**

**Sub: Reconsideration of the building cost for M/s. Green Aura International, Mathramkottu, Engandiyoor, Thrissur, Kerala for the project “Setting up of an Integrated Coconut processing unit for the production of Virgin Coconut oil and Desiccated Coconut Powder unit”.**

Components	Total Project Cost	Eligible Project Cost	Eligible Subsidy sanctioned by 55 <sup>th</sup> PAC	Proposed Maximum eligible subsidy
<b>(Rs. in lakh)</b>				
Land	8.75	-	-	-
Building & Civil works	26.45	26.45	-	<b>6.61</b>
ETP	4.53	4.52	1.13	<b>1.13</b>
Plant & Machinery	77.62	77.62	19.40	<b>19.40</b>
Electrification	5.75	3.88	0.97	<b>0.97</b>
Generator	3.19	3.18	0.80	<b>0.80</b>
Technical know-how	0.60	-	-	-
Computer system and printer	2.81	-	-	-
Preliminary & Pre op. expenses	1.70	1.15	0.29	<b>0.29</b>
Working Capital Margin	5.77	-	-	-
<b>TOTAL</b>	<b>137.17</b>	<b>116.80</b>	<b>22.59</b>	<b>29.20</b>

PAC discussed the project in detail and suggested

- **Inspection of the unit to be conducted by CDB to ascertain the building and roofing area.**



**Sub: Approval of the project “Setting up of a Coconut Wood Briquette Manufacturing unit” in respect of M/s. Pranov Industry, Kodangipatti Village, Bodendrapuram Road, Kodangipatti Post, Bodinaickannur Taluk, Theni, Tamil Nadu.**

Components	Total Project Cost	Eligible Project Cost	Maximum Eligible Subsidy
	(Rs. in lakh)		
Land	Own	-	-
Building & Civil works	17.58	15.84	3.96
Plant & Machinery	86.14	86.14	21.53
Electrification	10.00	4.31	1.08
Furniture, Office equipments & computer	0.84	-	-
Preliminary & Pre op. expenses	0.50	1.06	0.26
Working Capital margin	5.94	-	-
<b>TOTAL</b>	<b>121.00</b>	<b>107.35</b>	<b>26.83</b>

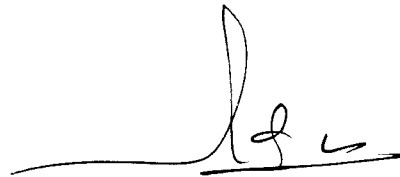
PAC discussed the project in detail and suggested

- Supply chain for raw material availability to be ascertained.
- Technology available for coconut wood briquette to be ascertained.
- Market research study for ascertaining the market potentiality for coconut wood briquettes to be undertaken by the Board by floating EoI.

**Other points discussed:-**

1. Assistance for building & civil works on lease for ten years need not be considered under TMoC.
2. Lease period can be considered for assistance for the projects according to loan period under TMoC
3. Based on the suggestions a committee can be constituted by CDB to examine and the report be placed before the next PAC for appropriate decision on the modification of the existing guidelines.

PAC meeting concluded with vote of thanks by the Deputy Director ( Mkg).



Chief Coconut Development Officer  
Coconut Development Board, Kochi

Date: 26.12.2019  
Place: Ernakulum

## Annexure-I

A	Project Approval Committee
1	Mrs. G. Jayalakshmi IAS Chairperson, Coconut Development Board & Chairman PAC
2	Mr. Dhnanraj Joint Director Dept. of Horticulture Karnataka <b><u>Representative of:</u></b> The Principal Secretary Horticulture, Government of Karnataka
3	Dr. A.C. Mathew Principal Scientist CPCRI, Kasaragod <b><u>Representative of:</u></b> The Assistant General (Plantation Crops) Indian Council of Agriculture (ICAR) Pusa, New Delhi
4	Dr. Sanjay Kumar Deputy Commissioner (Hort) DAC&FW, New Delhi <b><u>Representative of:</u></b> The Horticulture Commissioner Dept. of Agriculture Cooperation & Farmers Welfare New Delhi
5	Dr. Anillumar. R Deputy Agri. Marketing Advisor Directorate of Marketing & Inspection (DMI), Hyderabad <b><u>Representative of:</u></b> The Joint Secretary & Agri. Marketing Adviser to Govt. of India, Krishi Bhavan, New Delhi-110 001.
6	Dr. K.S.M.S. Raghava Rao Director Central Food Technological Research Institute Mysore-570 020
7	Mr. R.I.A Selvan DGM, NABARD, Hyderabad <b><u>Representative of:</u></b> The Chairman National bank for Agri.& Rural Development C-24, G Block, Bandra Kurl Complex, Mumbai
8	Mr. G. Vijaya Sundar AGM, Indian Overseas Bank Regional Office, Hyderabad <b><u>Representative of:</u></b>

	The Managing Director & Chief Executive Officer Indian Overseas Bank 763, Anna Salai, Chennai-600 002 Ph: 044-28519500
9	Mr. Saradindu Das Chief Coconut Development Officer Coconut Development Board, Kochi
<b>B</b>	<b>Co-opted Expert</b>
1	Mrs. Minnie Mathew IAS (retd)
<b>C</b>	<b>Officials of CDB</b>
1	Mr. Sreekumar Poduval Deputy Director (TD&E), CIT, Aluva
2	Mrs. Deepthi Nair. S Deputy Director (Mkg), CDB, Kochi
3	Mrs. Jayashree A, Development Officer, CDB, Kochi