

**NDC PROJECTS**  
**Proposed / In the Pipeline / Under Evaluation**  
**As of December 31, 2016**

**1. DAVAO FOOD COMPLEX**

|                                 |  |
|---------------------------------|--|
| Project Concept                 | <p>Development of the 20-ha. NDC property in Toril, Davao City into an agri-industrial estate with tourism component. The facilities will include the following:</p> <ol style="list-style-type: none"> <li>a. Food Processing Centers for the processing of raw food commodities into high-value and export qualities. Aside from fruits and vegetables, marine products like tuna and bangus will be processed for export to foreign markets.</li> <li>b. Cold Storage/Warehousing Facilities for highly perishable products for export, high-value fishery and aquaculture products, and meat products.</li> <li>c. Technology/Business Incubation Center that provides range of resources, research &amp; development, consultancy, technical services and facilities for the start-up and development of technology-based businesses. Facilities include office space, internet access, conference rooms, training rooms, storage rooms, laboratories, and basic equipment.</li> <li>d. Tourism Component zone that will showcase the fresh fruits and and marine products of Davao Region. It also includes “dampa-type” and high-end restaurants, festival marketplace, recreation parks, and retail outlets for food.</li> <li>e. Agri-Aqua Culture for ornamental fish and hatchery facility to cater demands for commercial aquaculture operators both local and exporters.</li> <li>f. Water-filtration and bottling facility for potable water-related enterprises.</li> </ol> |
| Estimated Project Cost          | <p>P494,275,511.53 Million – Development Cost<br/> <u>P 91,762,760.67 Million</u> - Cost of Land<br/> P586,038,272.20 Million</p>  |
| Actual Cost To-Date             | <p>P5,517,691</p>  |
| Schedule of Project Development | <p>1<sup>st</sup> - 2<sup>nd</sup> Qtr 2017 – bidding for detailed engineering<br/> 3<sup>rd</sup> - 4<sup>rd</sup> Qtr 2017 – conduct of Detailed Engineering Design (DED)<br/> 4<sup>nd</sup> Qtr. 2017 – 1<sup>st</sup> Qtr 2018 – bidding for the construction<br/> 2<sup>nd</sup> Qtr 2018 to 3<sup>rd</sup> Qtr 2019 – construction period</p>   |
| Project Status                  | <ul style="list-style-type: none"> <li>• The implementation option of the project is for Board approval on January 6, 2017.</li> <li>• ECC for the project was released in July 14, 2016</li> </ul>  |

## 2. DAVAO AGRI-TRADING CENTER (former AGRI PINOY TRADING CENTER)

|                                 |   |
|---------------------------------|---|
| Project Concept                 | The proposed DATC wholesale market in Davao City is intended to provide marketing support to the small and medium farm size vegetable and fruit growers in various barangays in Davao City and Davao del Sur.   |
| Estimated Project Cost          | PhP 70.00 Million (funds from DA based on approved MOA between CG-Davao and DA)<br><u>22.50</u> Million (value of land - NDC participation)<br><b>92.50</b> Million   |
| Actual Cost To-Date             | NA  |
| Schedule of Project Development | November 03, 2015 – Start of Bidding Process<br>December 10, 2015 – Issuance of Notice of Award to the winning bidder<br>March 07, 2016 – Issuance of Notice to Proceed to the winning bidder<br>May 2016 – start of clearing/construction<br>May 2017 – estimated completion of construction |
| Project Status                  | 40% completed. On-going construction  |

## 3. NDC INDUSTRIAL ESTATE

|                                 |   |
|---------------------------------|---|
| Project Concept                 | Development of the 19.17-ha. NDC property in Lankaan II, Dasmariñas, Cavite into an industrial economic zone to be registered with the Philippine Economic Zone Authority (PEZA) with NDC as Developer. The developed lots will be leased to locators on a long-term basis. |
| Estimated Project Cost          | <ul style="list-style-type: none"> <li>• P172 Million (Development Cost)</li> <li>• P173 Million (Cost of Land)</li> </ul>  |
| Actual Cost To-Date             | <ul style="list-style-type: none"> <li>• P6,491,660.</li> </ul>   |
| Schedule of Project Development | <ul style="list-style-type: none"> <li>• 1<sup>st</sup> Qtr 2017 – 3<sup>rd</sup> Qtr 2018 – Construction Period</li> </ul>   |
| Project Status                  | <ul style="list-style-type: none"> <li>• The award of contract for the construction of site development works for the project is for board approval on January 6, 2017</li> <li>• On-going discussion with the FCIE Association on the Water Supply Agreement</li> </ul>    |

#### 4. MINI-HYDRO PROJECTS

|                        |   |
|------------------------|---|
| Project                | <p>This relates to the National Program for the development and installation of mini-hydro power plants in existing and planned irrigation systems.</p> <p>a. Rizal, Nueva Ecija : 1000 KW capacity</p> |
| Estimated Project Cost | <ul style="list-style-type: none"> <li>• P 90 M</li> </ul>  |
| Actual Cost To-Date    | <ul style="list-style-type: none"> <li>• P 90 M</li> </ul>  |
| Project Status         | <ul style="list-style-type: none"> <li>• Operation commenced in August 2016</li> <li>•</li> </ul>   |

#### 5. SOLAR PROJECTS WITH DEPED

|                              |   |
|------------------------------|---|
| Project Concept              | <ul style="list-style-type: none"> <li>• NDC will undertake the installation of solar generation technology to various government agencies.</li> </ul>                    |
| Estimated Project Cost       | <ul style="list-style-type: none"> <li>• ₱ 150.0 M</li> </ul>   |
| Project Development Schedule | <ul style="list-style-type: none"> <li>• 3<sup>rd</sup> to 4<sup>th</sup> Qtr, 2016 – Signing of all implementing agreements (i.e. MOA, Trust Agreement, etc.)</li> </ul> |
| Project Status               | <ul style="list-style-type: none"> <li>• Awaiting DepEd's identified area/districts for evaluation.</li> </ul>  |

#### 6. MINDANAO CORN BULK HANDLING AND PROCESSING FACILITY

|                          |  |                          |         |                 |            |       |         |
|--------------------------|--|--------------------------|---------|-----------------|------------|-------|---------|
| Project Concept          | <p>The proposed project involves the establishment of a corn bulk processing and handling facility in Dapitan and a silo complex in Batangas. The project also entails 330 has. of corn contract farming (with the DA) and 500 has. of corporate corn farming (with the lead proponent).</p> <p>Project Rationale:</p> <ul style="list-style-type: none"> <li>• Supply the high demand for corn in Southern Luzon and neighboring ASEAN countries</li> </ul> |                          |         |                 |            |       |         |
| Estimated Project Cost   | <table> <tr> <td>Equipment and Facilities</td> <td>P 220 M</td> </tr> <tr> <td>Working Capital</td> <td><u>130</u></td> </tr> <tr> <td>TOTAL</td> <td>P 350 M</td> </tr> </table>  | Equipment and Facilities | P 220 M | Working Capital | <u>130</u> | TOTAL | P 350 M |
| Equipment and Facilities | P 220 M  |                          |         |                 |            |       |         |
| Working Capital          | <u>130</u>   |                          |         |                 |            |       |         |
| TOTAL                    | P 350 M  |                          |         |                 |            |       |         |
| Project                  | 1 <sup>st</sup> -2 <sup>nd</sup> Q, 2017 – Finalize design of Port, Silo, and Business Plan / NDC due diligence  |                          |         |                 |            |       |         |

|                      |   |
|----------------------|---|
| Development Schedule | 3 <sup>rd</sup> – 4 <sup>th</sup> Q, 2017 – Signing of Agreements and release of funds for construction   |
| Project Status       | <ul style="list-style-type: none"> <li>• While implementing contract growing with corn farmers in Zamboanga Del Norte using the Sergio Osmeña DA owned processing facility, the lead proponent has an ongoing application with the Postal Bank to carve out and have a separate land title for the corn bulk handling project site. The original property is under mortgage with Postal Bank.</li> <li>• The expansion and clearing operation of the access road leading to the port is being implemented by the LGU and the DPWH.</li> </ul> |

## 7. PINGAG PORT DEVELOPMENT

|                              |   |
|------------------------------|---|
| Project Concept              | <p>Expansion and rehabilitation of the existing RO-RO facility of the Pingag Port in NDC's Leyte Industrial Estate (LIDE) in Isabel, Leyte.</p> <p>The Pingag Port is strategically situated in an area having natural deep harbor, geographically protected from inclement weather and directly connected to the national highway. Its location makes it suitable alternate causeway for LIDE locators and the general public.</p> |
| Estimated Project Cost       | P15 Million   |
| Project Development Schedule |   |
| Project Status               | <ul style="list-style-type: none"> <li>• Pre-development requirements has been completed;</li> <li>• Finalizing /Completing the following documents: <ul style="list-style-type: none"> <li>✓ Bidding requirements</li> <li>✓ Informal settlers development plan; and</li> <li>✓ Documentary requirements between NDC and DENR.</li> </ul> </li> </ul>  |

## 8. SEAWEED (Carageenan) PROCESSING FACILITY PROJECT

|  |   |  |         |  |     |   |              |  |       |
|--|---|--|---------|--|-----|---|--------------|--|-------|
| Project Concept  | Establishment of seaweed processing facilities that would produce either semi-refined or refined carageenan which is used to enhance the quality of certain food products. It also functions as binder, moisture holder and gelling agent.  |  |         |  |     |   |              |  |       |
| Estimated Project Cost   | <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">1<sup>st</sup> Phase (Alkaline Treated Cottonii Chips):</td> <td style="text-align: right;">P 200 M</td> </tr> <tr> <td>2<sup>nd</sup> Phase (Phil Natural Grade Carrageenan Powder):</td> <td style="text-align: right;">200</td> </tr> <tr> <td>3<sup>rd</sup> Phase (Refined Carrageenan Powder):</td> <td style="text-align: right;"><u>400 M</u></td> </tr> <tr> <td></td> <td style="text-align: right;">800 M</td> </tr> </table> | 1 <sup>st</sup> Phase (Alkaline Treated Cottonii Chips): | P 200 M | 2 <sup>nd</sup> Phase (Phil Natural Grade Carrageenan Powder): | 200 | 3 <sup>rd</sup> Phase (Refined Carrageenan Powder): | <u>400 M</u> |  | 800 M |
| 1 <sup>st</sup> Phase (Alkaline Treated Cottonii Chips):       | P 200 M   |  |         |  |     |   |              |  |       |
| 2 <sup>nd</sup> Phase (Phil Natural Grade Carrageenan Powder): | 200   |  |         |  |     |   |              |  |       |
| 3 <sup>rd</sup> Phase (Refined Carrageenan Powder):            | <u>400 M</u>  |  |         |  |     |   |              |  |       |
|  | 800 M   |  |         |  |     |   |              |  |       |
| Project Development Schedule                                   | <p>3<sup>rd</sup> – 4<sup>th</sup> Q, 2017 – Finalize an submit design of processing facility and equipment</p> <p>1<sup>st</sup> – 2<sup>nd</sup> Q, 2018 - Sign agreement with proponent and other investors</p>  |  |         |  |     |   |              |  |       |

|                |   |
|----------------|---|
| Project Status | <ul style="list-style-type: none"> <li>The lead proponent restarted negotiations with other technology providers and other potential investors</li> </ul> |
|----------------|---|

## 9. COLD STORAGE PROJECT

|                              |  |
|------------------------------|--|
| Project Concept              | <p>The project will involve the construction and operation of a 10,000 square meter cold storage complex. The company will utilize the latest state-of-the art cold storage facilities and insulation available from European or American suppliers. The support facilities will include the following:</p> <ul style="list-style-type: none"> <li>Automatic control systems</li> <li>Docking facilities</li> <li>Racking facilities</li> <li>Blowers</li> <li>Generating set and accessories</li> </ul> |
| Estimated Project Cost       | P400 Million   |
| Project Development Schedule | <p>1<sup>st</sup> -2<sup>nd</sup> Q, 2017 – Continue negotiations with investors through the DTI Regional Offices and PEZA</p> <p>3<sup>rd</sup>–4<sup>th</sup> Q, 2017 – Finalize list of areas, investors and proponents for the processing project</p>  |
| Project Status               | <ul style="list-style-type: none"> <li>NDC is looking into the possibility of integrating the project with existing or new special economic zones</li> </ul>   |

## 10. MONORAIL PROJECT IN BENGUET- BAGUIO

|                              |  |
|------------------------------|--|
| Project Concept              | <p>The Mono-rail system project is a road train system that would ease up traffic and encourage people to settle in areas outside Baguio City. The routes are seen to skip the central business district (CBD); travel towards the outskirts of the city and to tourist destinations within Benguet province and beyond.</p> |
| Estimated Project Cost       | P1.0 Billion   |
| Project Development Schedule | Secure all require approvals by December 2016 .  |
| Project Status               | <ul style="list-style-type: none"> <li>FS has yet to be finalized.</li> </ul>  |

## 11. ESTABLISHMENT OF A COMMERCIAL MULTIPURPOSE GAMMA IRRADIATION FACILITY

|         |   |
|---------|---|
| Project | <ul style="list-style-type: none"> <li>Establishment of a commercial multipurpose gamma irradiation facility for the</li> </ul> |
|---------|---|


|                        |  |
|------------------------|--|
| Concept                | <p>following products:</p> <ul style="list-style-type: none"> <li>✓ spices</li> <li>✓ dehydrated fruits and vegetables</li> <li>✓ mango</li> <li>✓ papaya</li> <li>✓ fresh onions and garlic bulbs</li> <li>✓ herbal products</li> </ul> |
| Estimated Project Cost | <ul style="list-style-type: none"> <li>• P 239.28 Million</li> </ul>   |
| Project Status         | <ul style="list-style-type: none"> <li>• Feasibility Study still for finalization</li> </ul>   |

## 12. INTEGRATED AQUACULTURE PROJECT

|                        |  |
|------------------------|--|
| Project Concept        | <ul style="list-style-type: none"> <li>• Establishment of fully integrated operations on tilapia aquaculture using the “seed to plate” concept.</li> </ul> |
| Estimated Project Cost | <ul style="list-style-type: none"> <li>• P 395 Million</li> </ul>  |
| Project Status         | <ul style="list-style-type: none"> <li>• Awaiting submission of feasibility study</li> </ul>   |

## 13. PUERTO PRINCESA INTEGRATED FISH PORT

|                        |   |
|------------------------|---|
| Project Concept        | <ul style="list-style-type: none"> <li>• Development of a fish port in Puerto Princesa to improve food production specifically marine products, generate employment for the local population and spur economic activity in the area.</li> </ul> |
| Estimated Project Cost | <ul style="list-style-type: none"> <li>• P 774.17 Million</li> </ul>  |
| Project Status         | <ul style="list-style-type: none"> <li>• Feasibility Study submitted last 05 October 2015</li> <li>• Awaiting compliance of the proponent re: results of evaluation communicated last 26 October 2015.</li> </ul>                               |



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