Lighthouse Schools: Decentralized platforms for outscaling school nutrition intervention
A lighthouse (LH) is a focal point for establishing evidence and for supporting the advocacy and outscaling efforts of school nutrition by the Department of Education in the Philippines.

The Integrated School Nutrition Project is a joint action research of the International Institute of Rural Reconstruction (IIRR) in collaboration with the Department of Education (DepEd) and the Food and Nutrition Research Institute-Department of Science and Technology (FNRI-DOST) which developed an integrated nutrition model linking the school gardening, supplementary feeding and nutrition education. Project phase 2 aims to fine tune and scale up the model in the Philippine school system through a multi scalar approach, starting from the 58 lighthouse schools (LS) established in Region IVA which serve as learning sites for other schools.

This primer is targetted to the following audience: Deped Planners and Administrators, Deped School Principals and School teachers.

CREDITS:

DepEd Central Office
Rizalino Jose T. Rosales
Ella Cecilia G. Naliponguit
Maria Corazon C. Dumloa
Magdalane Portia T. Cariaga
Ferdinand M. Nuñez
Mei-Ling V. Duhig

DepEd Region 4A
Diosdado M. San Antonio
Annaliza T. Araojo
Neil B. Evangelista

DepEd Cavite
Romeo E. Endraca
Rolando B. Talon, Jr.
Virgilio O. Guevarra
Yolanda S. Oliver
Galileo L. Go

Department of Agriculture
Felix Joselito H. Noceda

IIRR
Ma. Shiena S. Anunciado
Ian Curt R. Sarmiento
Kirstein D. Itliong
Ronnie M. De Castro
Jonna Ellaine A. Jordan

Technical Advisers
Julian F. Gonsalves
Mario V. Capanzana
Imelda A. Agdeppa
Emilita M. Oro
Irish P. Baguilat

Design and layout
Celso Amutan

Photo credits
Dave Aguilar and company

(Permission is granted for reproduction and wider use. However, please acknowledge IIRR and its partners.)
Schools are effective platforms for promoting nutrition. Integrated approaches which feature feeding, gardens and nutrition education rely on evidence for wider promotion. A Lighthouse School (LS) is a designated focal point for decentralized and location-specific action research (site) of integrated school nutrition model.
Typically, every LS features a regular school feeding program, a well-maintained/sustained bio-intensive garden, and related school-based nutrition education activities. A LS is a demonstration of what is possible using locally available resources and human power.
Lighthouse Schools make a special effort to undertake nutrition education interventions within the schools for teachers, parents, students, and the local community. Community outreach can be fostered by a lighthouse school. A LS plays a central role in outscaling of such innovations at local (e.g., school district) level.
Locally initiated, district level experiential trainings can be organized at the nearest lighthouses. These schools are important element of scaling out the integrated school nutrition model.
A LS also establishes a crop museum, which undertakes the collection and conservation of local vegetable varieties throughout the year. A school district level seed exchange event will be organized in their respective districts. Crop museums are important for conserving agrobiodiversity of nutritional importance, locally adapted traditional or modern crops/varieties are conserved in LS.
A LS maintains database: garden production, use of garden products in feeding efforts and in school canteens. A LS maintains data on the feeding program providing evidence on its efficacy.
A LS serves as exemplary demonstration of what can be achieved when various school-based nutrition activities are integrated. A LS serve as a model for private sector and local government investors.
A LS is a learning platform. A LS serves as discovery, learning, sharing and dissemination hub of integrated school nutrition innovations within Region 4A and soon across the country through the Department of Education.
Community outreach is fostered by a school garden. A LS aims to influence surrounding communities by organizing nutrition-related activities during important school events (e.g. garden visits, food/diversity fairs, sharing good nutrition practices) and sharing planting materials and seeds for parents to bring home.
Lighthouse Schools engage local governments, private sector and CSO/NGOs in seeking wider local support for sustaining feeding programs. School feeding initiatives are a core element of a school based nutrition program.
The concept of Lighthouses was tested in Region 4 (2015-2018). Fifty-eight (58) lighthouse schools in Region 4A serve as network for outscaling and upscaling within an entire administrative region. The LH is now being scaled up throughout the country.
## Lighthouse Schools in Calabarzon

**DIVISION OF CAVITE PROVINCE**  
1. Upli Elementary School (ES)  
2. Amadeo ES  
3. Mariano Anakay ES  
4. Carmona ES  
5. Bailen ES  
6. General Gregorio S. Aloia Sr. Memorial ES  
7. Sunnybrooke ES  
8. San Gabriel 2 ES  
9. Indang Central School (CS)  
10. Alulod ES  
11. Potol Sta. Isabel ES  
12. Medina ES  
13. Maragondon ES  
14. Panungyan ES  
15. Naic ES  
16. San Roque ES  
17. Noveleta ES  
18. Bagbag 2 ES  
19. Kalubkob ES  
20. Bulihan Sites & Services Project ES  
21. Maguyam ES  
22. Pulongbunga ES  
23. Malabag ES  
24. Carlos Batino Memorial ES  
25. Isidro Cuadra ES  
26. Julugan ES  
27. Ternate CS  
28. Lapidario ES  
29. Talaba ES  
30. Bacoor CS  
31. Malipay ES  
32. Imus Pilot ES  
33. Governor Camerino ES  
34. Tinabunan ES  
35. Dasmariñas II CS  
36. Dr. Jose P. Rizal ES  
37. Langkaan ES  
38. Malinta ES  
39. Paliparan ES  
40. Sangley ES  

**DIVISION OF LAGUNA PROVINCE**  
41. Liliw Central ES  
42. Majayjay ES  
43. Tinabao ES  
44. San Roque ES  
45. Eduardo Barretto, Sr. ES  
46. Caingin ES  
47. Pitogo CS  
48. San Antonio CS  
49. Lucena East III ES  
50. North Palale ES  

**DIVISION OF BATANGAS PROVINCE**  
51. Ayao-Iyao ES  
52. Pinagtungulan ES  
53. Tinurik ES  
54. Lumbang ES  
55. Malitam ES  
56. Binangonan ES  
57. Wawa ES  

**DIVISION OF QUEZON PROVINCE**  
47. Pitogo CS  
48. San Antonio CS  
49. Lucena East III ES  
50. North Palale ES  
51. Ayao-Iyao ES  
52. Pinagtungulan ES  
53. Tinurik ES  
54. Lumbang ES  
55. Malitam ES  
56. Binangonan ES  
57. Wawa ES  

**DIVISION OF RIZAL PROVINCE**  
58. Kaysakat ES
In 2018, the Department of Education through the School Health Division will roll out the Lighthouse and Crop Museum concepts as part of an effort to scale out the Integrated School Nutrition Program to all regions of the country.

<table>
<thead>
<tr>
<th>Region</th>
<th># of new Lighthouse schools to be established</th>
</tr>
</thead>
<tbody>
<tr>
<td>Region I</td>
<td>14</td>
</tr>
<tr>
<td>Region II</td>
<td>9</td>
</tr>
<tr>
<td>Region III</td>
<td>20</td>
</tr>
<tr>
<td>Region IV-A</td>
<td>70</td>
</tr>
<tr>
<td>Region IV-B</td>
<td>70</td>
</tr>
<tr>
<td>Region V</td>
<td>13</td>
</tr>
<tr>
<td>Region VI</td>
<td>18</td>
</tr>
<tr>
<td>Region VII</td>
<td>19</td>
</tr>
<tr>
<td>Region VIII</td>
<td>13</td>
</tr>
<tr>
<td>Region IX</td>
<td>8</td>
</tr>
<tr>
<td>Region X</td>
<td>14</td>
</tr>
<tr>
<td>Region XI</td>
<td>11</td>
</tr>
<tr>
<td>Region XII</td>
<td>9</td>
</tr>
<tr>
<td>CARAGA</td>
<td>12</td>
</tr>
<tr>
<td>CAR</td>
<td>8</td>
</tr>
<tr>
<td>NCR</td>
<td>16</td>
</tr>
<tr>
<td>ARMM</td>
<td>9</td>
</tr>
<tr>
<td>TOTAL:</td>
<td>220</td>
</tr>
</tbody>
</table>