

## Philippine Nuclear Research Institute

### Legal Basis

- Republic Act 2067 (June 13, 1958), the Science Act of 1958, created the Philippine Atomic Energy Commission.
- Executive Order No. 128 (January 30, 1987) reorganized the Philippine Atomic Energy Commission to Philippine Nuclear Research Institute.

### Mandate

The Philippine Nuclear Research Institute (PNRI) conducts research and development on the application of radiation and nuclear materials, processes and techniques in agriculture, food, health, nutrition and medicine, and in industrial or commercial enterprises, transferring research results to end-users, including through technical extension and training services. It operates and maintains nuclear research reactors and other radiation facilities, and regulates activities relative to production, transfer, and utilization of nuclear and radioactive substances.

## LOGICAL FRAMEWORK (PNRI)

### Societal Goal

Sustainable Economic Growth  
Towards Poverty Alleviation

### Sectoral Goal

Mobilizing Knowledge, Science and Technology  
for Productivity, Economic Growth & Job Creation

### Organizational Outcome

Global Competitiveness

### Major Final Outputs

Knowledge  
& Technology  
Generation

Technology  
Transfer  
Services

Nuclear S & T  
Services

Nuclear  
Regulatory  
Services

### Performance Indicators

- No. of R&D projects implemented
- No. of technical papers prepared vis-a-vis number of published papers in ISI listed journals
- No. of patents filed/earned/approved

- No. of clients served by type of technology transfer service by sector
- Amount of income generated by type of technology transfer service
- No. of technology transfer agreements forged

- No. of clients served by type of service
- Proportion of satisfied clients
- Income generated

- % of licenses issued against no. of applications received
- % of non-complaint against the total no. of license holders
- No. of days a license is processed/approved
- No. of technical report issuances, policy recommendation developed, reviewed, updated, published
- External resources granted
- Income generated

**PERFORMANCE MEASURES AND TARGETS**  
(Amounts in Thousand Pesos)

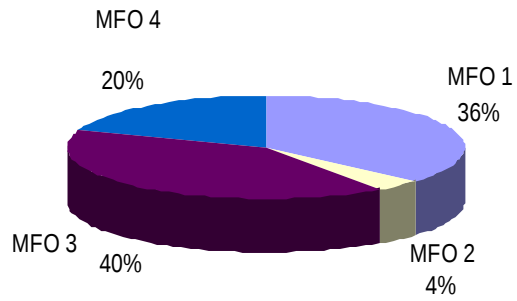
| Particulars                                                  | FY 2007           | FY 2008           | FY 2009           |
|--------------------------------------------------------------|-------------------|-------------------|-------------------|
|                                                              | Actual/<br>Amount | Target/<br>Amount | Target/<br>Amount |
| MFO 1                                                        |                   |                   |                   |
| Knowledge and Technology Generation                          | 38,607            | 66,965            | 47,462            |
| No. of nuclear R&D projects implemented                      | 40                | 40                | 40                |
| No. of technical papers published                            | 4                 | 7                 | 9                 |
| No. of technical papers presented                            | 17                | 20                | 23                |
| No. of intellectual property rights/protection filed/granted | -                 | -                 | 1                 |
| Resources generated (in thousand pesos)                      | 42,112            | 30,000            | 40,000            |
| MFO 2                                                        |                   |                   |                   |
| Technology Transfer Services                                 | 4,473             | 5,720             | 5,949             |
| No. of technology transferred/agreements forged              | 2                 | 3                 | 3                 |
| MFO 3                                                        |                   |                   |                   |
| Nuclear S&T Services                                         | 35,554            | 56,452            | 52,796            |
| Testing, analysis and calibration services                   |                   |                   |                   |
| - No. of services rendered                                   | 1,144             | 652               | 700               |
| - No. of clients served                                      | 633               | 321               | 350               |
| - Income generated (in thousand pesos)                       | 1,943             | 1,676             | 1,686             |
| Other Specialized Services                                   |                   |                   |                   |
| - No. of services rendered                                   | 61,119            | 64,280            | 65,000            |
| - No. of clients served                                      | 41,582            | 38,639            | 45,000            |
| - Income generated (in thousand pesos)                       | 13,854            | 9,304             | 9,444             |
| MFO 4                                                        |                   |                   |                   |
| Nuclear Regulatory Services                                  | 20,987            | 23,791            | 21,043            |
| No. of licenses issued                                       | 280               | 220               | 230               |
| No. of regulations developed                                 | 3                 | 3                 | 3                 |
| No. of inspection and audit of licensed facilities           | 173               | 184               | 180               |
| Income generated (in thousand pesos)                         | 2,657             | 1,900             | 1,935             |
| Resources generated (in thousand pesos)                      | 3,004             | 3,200             | 5,000             |
| <b>TOTAL</b>                                                 | <b>99,621</b>     | <b>152,928</b>    | <b>127,250</b>    |

**FY 2009 MFO BUDGET**

**By MFO/By Expense Class**  
(In thousand pesos)

| Particulars                         | PS            | MOOE          | CO            | TOTAL          | % Share     |
|-------------------------------------|---------------|---------------|---------------|----------------|-------------|
| MFO 1                               | 28,380        | 9,918         | 7,731         | 46,029         | 36%         |
| Knowledge and Technology Generation |               |               |               |                |             |
| MFO 2                               | 4,082         | 1,454         | 382           | 5,918          | 4%          |
| Technology Transfer Services        |               |               |               |                |             |
| MFO 3                               | 27,085        | 14,614        | 8,708         | 50,407         | 40%         |
| Nuclear S&T Services                |               |               |               |                |             |
| MFO 4                               | 16,989        | 6,941         | 966           | 24,896         | 20%         |
| Nuclear Regulatory Services         |               |               |               |                |             |
| <b>TOTAL</b>                        | <b>76,536</b> | <b>32,927</b> | <b>17,787</b> | <b>127,250</b> | <b>100%</b> |
| <b>% Share</b>                      | <b>60%</b>    | <b>26%</b>    | <b>14%</b>    | <b>100%</b>    |             |

By MFO  
(Total Budget = P127,250,000)



By Expense Class  
(Total Budget = P127,250,000)

