



# PROJECTS FOR RESULTS



**IDEA**  
SOLUTIONS

Simplify Complex Management Processes

## IDEA-SOLUTIONS® SUITE

### WHAT IS THE IDEA-SOLUTIONS® SUITE?

A suite of management processes and computer software to facilitate the implementation of Results-Based management (RBM) in the public sector.

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## PROJECTS FOR RESULTS

### WHAT IS P4R®?

A process and a software to help manage a portfolio of investment projects.

#### **P4R® guides the user in the various phases and steps of the Public Investment Management (PIM) cycle, i.e.:**

- Conduct a first assessment of project ideas
- Help formulate project documents
- Evaluate formulated projects according to a multi-criteria evaluation grid
- Conduct Cost-Benefit and Value for Money analysis
- Select projects to be included in the Public Investment Program
- Monitor and report the status and the performance of a portfolio of investment projects

#### **When combined with Monitoring for Results (M4R®), it enables to:**

- Monitor the implementation and outputs of selected investment projects
- Monitor the operation, maintenance, and user satisfaction of assets created by the investment project.

### WHO ARE THE USERS OF P4R®?

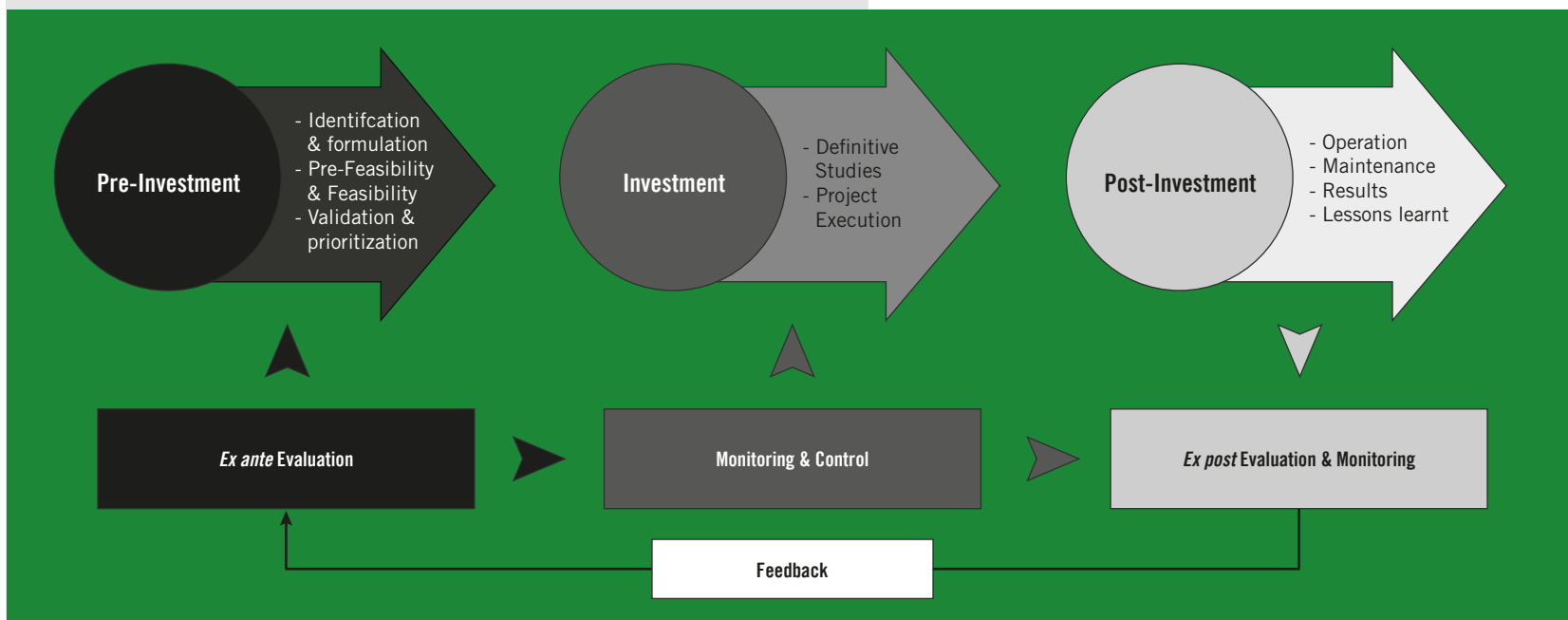
For high-level officials in the public sector who need up-to-date and accurate information for decision making and accountability.

For managers and professionals to better plan, budget, and monitor the implementation of programs and projects.



## POSITION OF P4R® IN THE PIM CYCLE

The Project Investment Management (PIM) cycle includes three (3) major phases: i) Pre-investment, ii) Investment, and iii) Post-investment. Figure 1 describes the dynamic nature of the investment cycle in a continuum from (i) project identification to (ii) project formulation, (iii) ex ante evaluation, (iv) programming and budgeting, (v) execution and monitoring, (vi) ex post evaluation of the operation and maintenance of the assets created by the investment projects, and finally (vii) evaluation of the satisfaction level of users of the assets, with a feed-back loop for the next PIM cycle.



P4R® focuses on the Pre-Investment Phase during which a project is identified and formulated. The required financial, economic, environmental and social assessments are also conducted during this phase. This phase typically concludes with an internal and an external project appraisal. This ex ante project evaluation is conducted against a number of predetermined criteria. P4R® helps select the projects to be included in the Public Investment Program. When combined with M4R®, the other phases of Investment and Post-Investment in the PIM cycle are also covered.



## P4R® GENERIC PROCESS

The process can be preceded by training in RBM and Project Management, either a Masters Certificate program in Development and Investment Project Management offered jointly by IDEA International and University Laval, Canada or a 2-week summary course on P4R® process and software. It can also be preceded by a diagnostic of the PIM system and the elaboration of an action plan for improving this system using the A4R® process and software (see A4R®brochure).

PHASES	ACTIVITIES	INDICATIVE DURATION
1. Diagnostic and preparatory work	<ul style="list-style-type: none"> <li>- Characterization of the current public investment projects portfolio and review of the current process of Public Investment Management</li> <li>- Information needs assessment of the Department in charge of the Public Investment Program</li> <li>- Analysis of relevant existing information systems</li> </ul>	1.5 Months
2. Software design	<ul style="list-style-type: none"> <li>- Improvement of relevant existing information systems</li> <li>- Incorporation of P4R® modules to respond to the client's needs</li> <li>- Preparation of user's guide and administrator's guide</li> </ul>	2 Months
3. Software Implementation	<ul style="list-style-type: none"> <li>- Setting-up P4R® modules on the desired server</li> <li>- Testing of P4R®</li> <li>- User training</li> </ul>	1 Month

### CASE STUDY : CABO VERDE

- 1) Diagnostic of the Public Investment Management (PIM) System, and related Information Systems
- 2) Validation of the diagnostic and formulation of a plan of action to improve the PIM system
- 3) Preparation of general and sector-specific guidelines for the PIM system
- 4) Training of key staff involved in the PIM cycle
- 5) Improvement of the existing Information Systems/ Design of software to support the implementation of the new PIM system



# P4R<sup>®</sup> FEATURES



## STEP BY STEP INVESTMENT PROJECT FORMULATION

P4R<sup>®</sup> makes it easy for the user to formulate a project idea and then a project in a structured and logical way with various degrees of detail and documentation.



## MULTI-CRITERIA EX ANTE ASSESSMENT

P4R<sup>®</sup> assesses the quality of submitted projects with a Multi-Criteria ex ante Assessment module to help grade each submitted project according to the same grid, compare them, and rank them.





## BANK OF PROJECTS AND PROJECTS PORTFOLIO ANALYSIS

- P4R® helps create a bank of projects following a systematic format and documentation which enables to sort projects according to different criteria: status, sector, region, type, size, funding source, etc.
- It also helps compare investment projects or groups of projects as well as conduct an analysis of the structure of the projects portfolio.

Project Name	Status	Investment (€)	Financing (€)	Financing %
Project 1	Active	1000	500	50%
Project 2	Completed	2000	1000	50%
Project 3	On Hold	1500	750	50%
<b>Total</b>		<b>4500</b>	<b>2250</b>	<b>50%</b>



## GEOLOCATION OF PROJECTS

- The integrated GIS module allows to map out investment projects in a territory, with a project sheet providing a characterization of the project.
- The GIS also superimposes the map of the current supply of projects with maps of development result indicators to assess the adequacy of the current projects portfolio and to indicate future areas of priority investment needs.

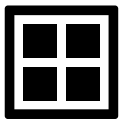




## SECURE USER-MANAGEMENT

P4R® supports role based user authentication to help you manage the user data base to define specific rights for each user and each project, be it for data entry, reading, edition, validation, report and/or table printing.

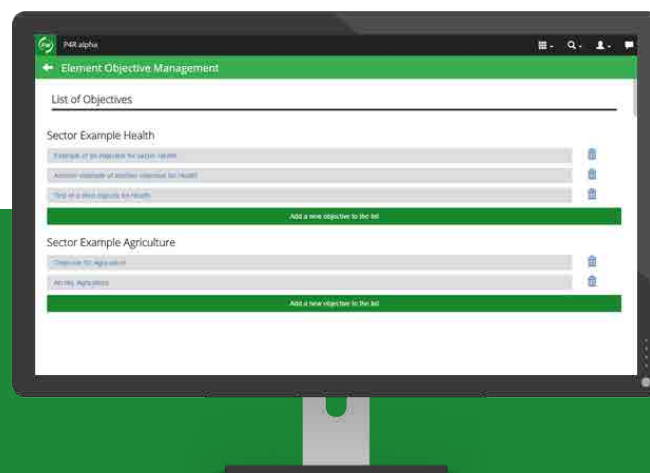
Username	Last Name	First Name	Email	Password	Role	Actions
admin@p4r.com	Admin	Admin	admin@p4r.com	admin	Administrator	Edit, Delete, Reset Password
user@p4r.com	User	User	user@p4r.com	user	User	Edit, Delete, Reset Password
manager@p4r.com	Manager	Manager	manager@p4r.com	manager	Manager	Edit, Delete, Reset Password
viewer@p4r.com	Viewer	Viewer	viewer@p4r.com	viewer	Viewer	Edit, Delete, Reset Password



## CUSTOMIZABLE USER DASHBOARD

P4R® gives the users the ability to customize their own personal dashboard to visualize the work flow progress of the formulation of various project ideas and the design, appraisal and validation of different project documents.

Name	My Dashboard	My Dashboard	My Dashboard	My Dashboard	My Dashboard	My Dashboard
Project 1	Project 1	Project 1	Project 1	Project 1	Project 1	Project 1
Project 2	Project 2	Project 2	Project 2	Project 2	Project 2	Project 2
Project 3	Project 3	Project 3	Project 3	Project 3	Project 3	Project 3





## CHANGE TRACKING AND NOTIFICATION SYSTEM

P4R® uses an integrated user notification system within a multi-user work flow that can notify to each project planner about changes made by other authorized personnel involved in project design and appraisal.



## GENERATION OF STANDARD REPORTS

P4R® generates in a click a series of reports such as project documents, project cost-benefit analysis and multi-criteria ex ante evaluation reports, projects appraisal committee reports, projects prioritization report for the Public Investment Program, etc. with predefined Table of Contents, tables, and graphs as per the needs of the client. You can save them as Word, PDF and Excel files and then make them tailor-made.



## ARTICULATION WITH M4R®

P4R® is articulated with M4R® to provide you with a full perspective on the Public Investment Management cycle. First, M4R® covers Phase II dealing with the implementation and monitoring of the projects that have been selected in the projects portfolio. Second, it covers Phase III dealing with the post-investment analysis of the operation and maintenance of the asset created by the investment project and the monitoring of the satisfaction level of the users of this asset.





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## CORE MODULES

- Step by Step Investment Project Formulation
- Multi-Criteria ex ante Assessment
- Bank of Projects and Projects Portfolio Analysis
- Geolocation of Projects
- Secure User-Management
- Customizable User Dashboard
- Change Tracking and Notification System
- Generation of standard reports
- Articulation with M4R®

The P4R® generic software runs on a Microsoft.NET platform and follows a 3-tier architecture: ASP.NET for the web interface, C# for the business layer and SQL for the database layer. It requires a Microsoft Server and MS SQL Server version 2014 or newer.

P4R® can also be implemented on Oracle or Open source platforms.

Typically, P4R® is hosted on the client's server.

P4R® modules are interfaced with existing relevant information systems.

Access rights and security standards can be adjusted and are defined by default according to the good practices in this field and adopted as standards by the Federal Government of Canada.

After installation, a Software Assurance Plan is available for technical support and access to software upgrades and documentation.



# TESTIMONIES

« The IDEA team introduced the conception, methodology and process of investment project design and appraisal based on the IDEA P4R® software application at the global level of the Ministry of Finance, as well as at sector and municipal levels in the context of the Public Investment Management (PIM) System reform. It was an applied experience, which helped clarify investment project appraisal and simplify their application in a workflow tailor-made IT software. Seventy-five civil servants involved in the PIM System were trained to help appropriate the methodology and the IT software. The IDEA technical team has proven it could deliver complex IT projects with high quality results. »

**Antonio Anacleto**

Coordinator  
General Directorate of Reforms and Information Systems (DGRSI)  
Ministry of Finance  
Cabo Verde

**... THE IDEA TECHNICAL TEAM  
HAS PROVEN IT COULD  
DELIVER COMPLEX IT PROJECTS  
WITH HIGH QUALITY RESULTS. ...**





**SOME PEOPLE  
TALK ABOUT  
RBM**

**WE  
IMPLEMENT IT!**



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