



**International Bureau**

# **PCT AUTOMATION SUPPORT (PCTAS) SYSTEM**

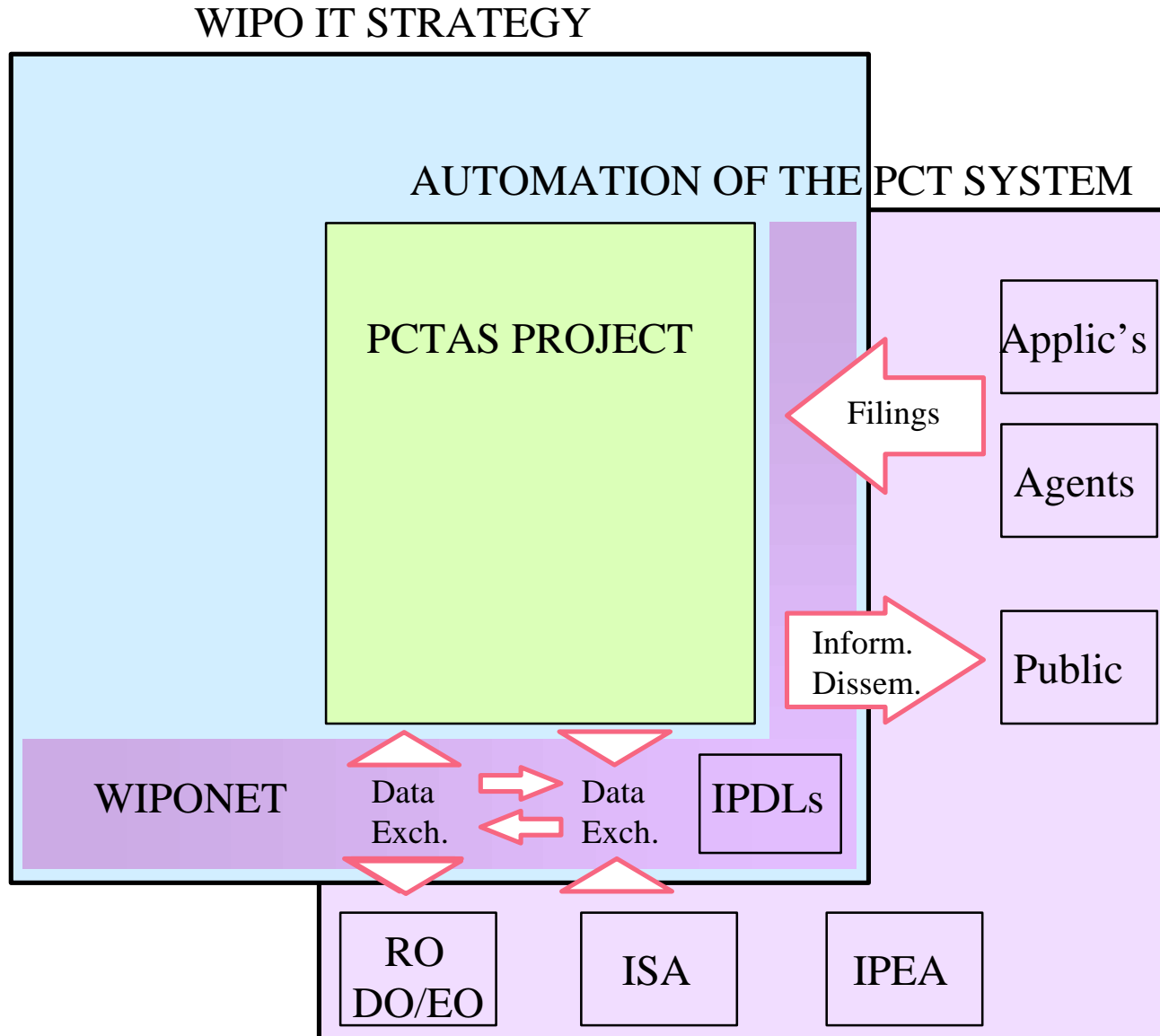
**Presentation to the  
Standing Committee on Information Technologies**

**Geneva, November 16, 1998**

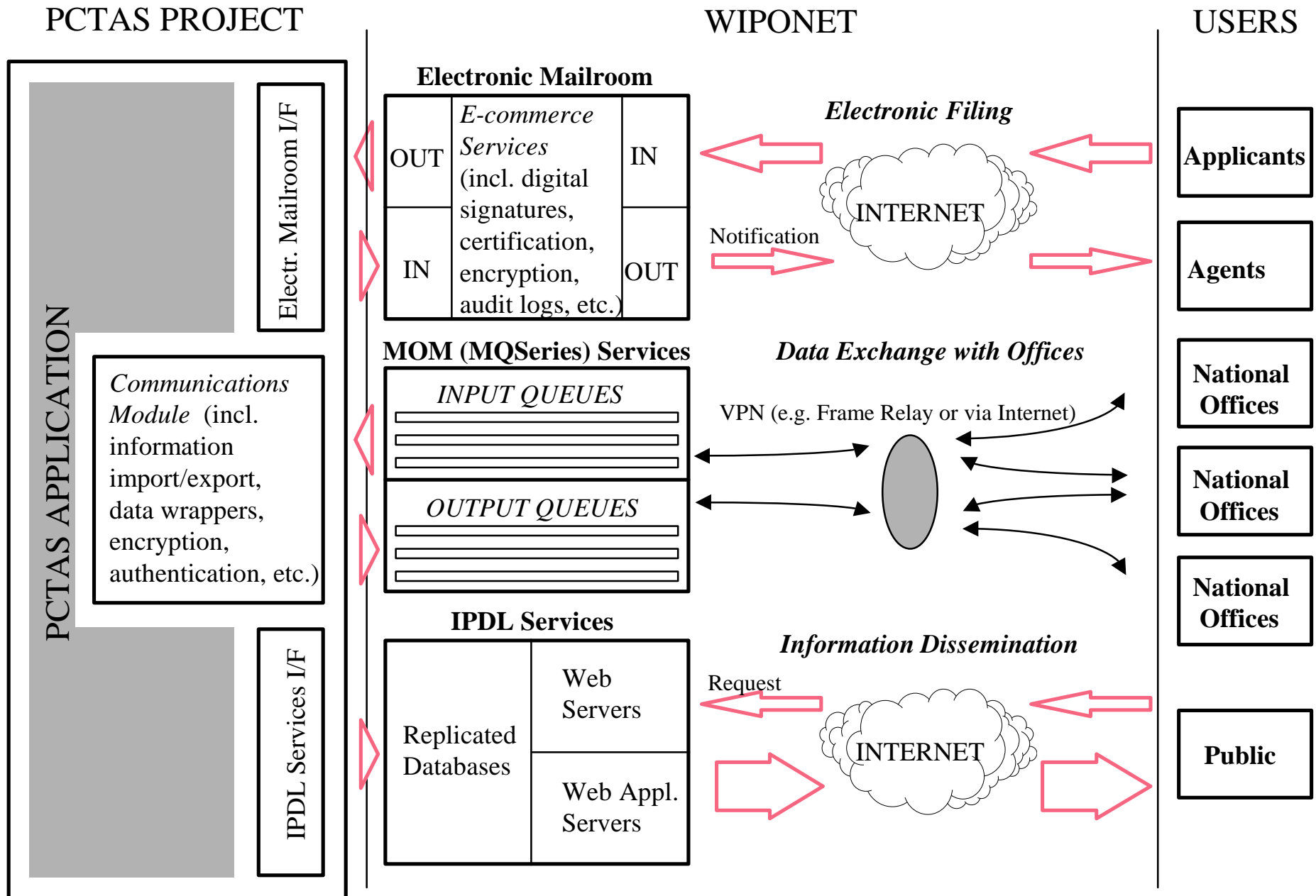
# Presentation Topics

- Positioning of the PCTAS Project
- Procurement Timetable
- Implementation Approach and Timing

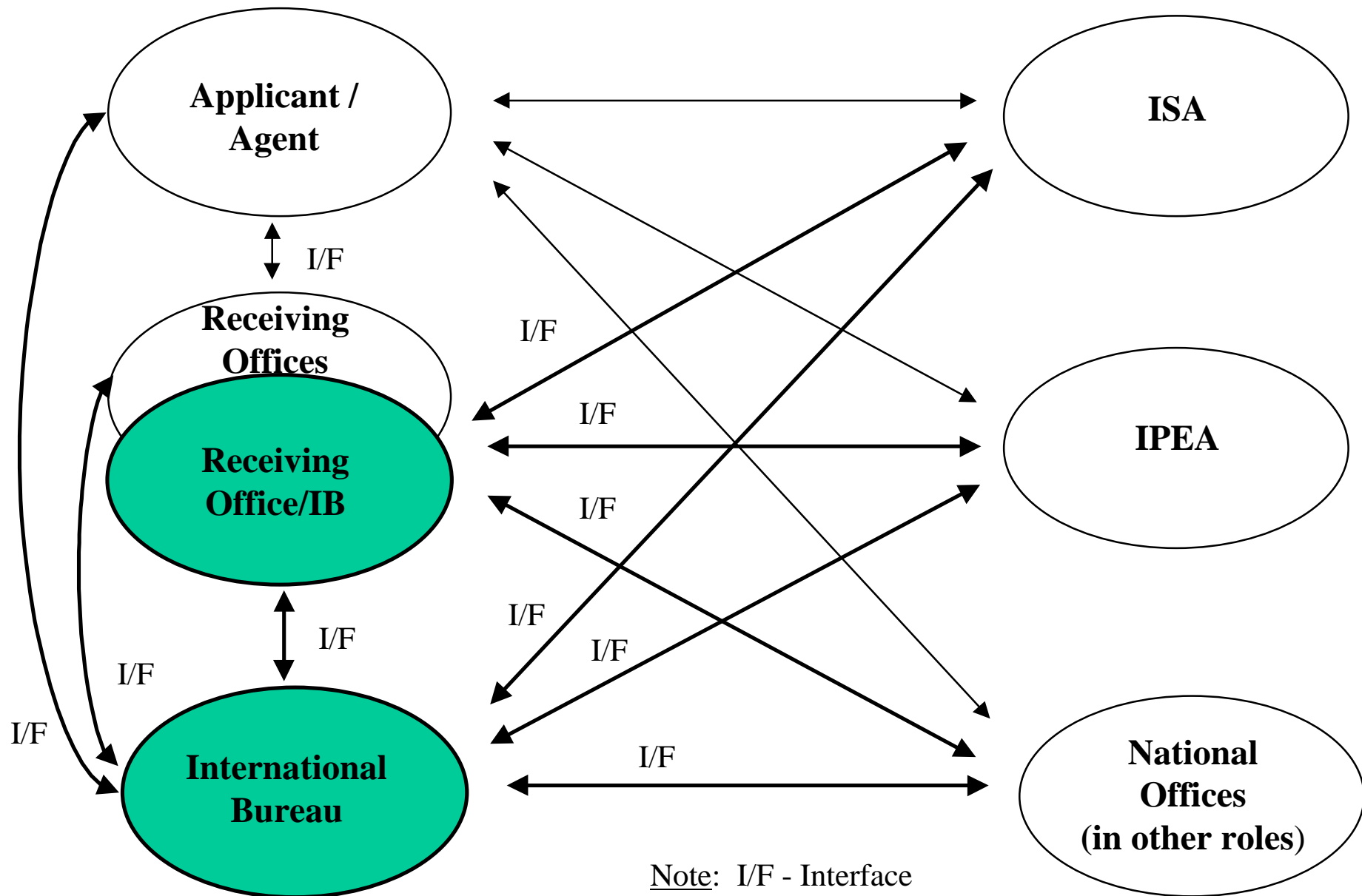
# Positioning of the PCTAS Project



# Interface between PCTAS and WIPONET



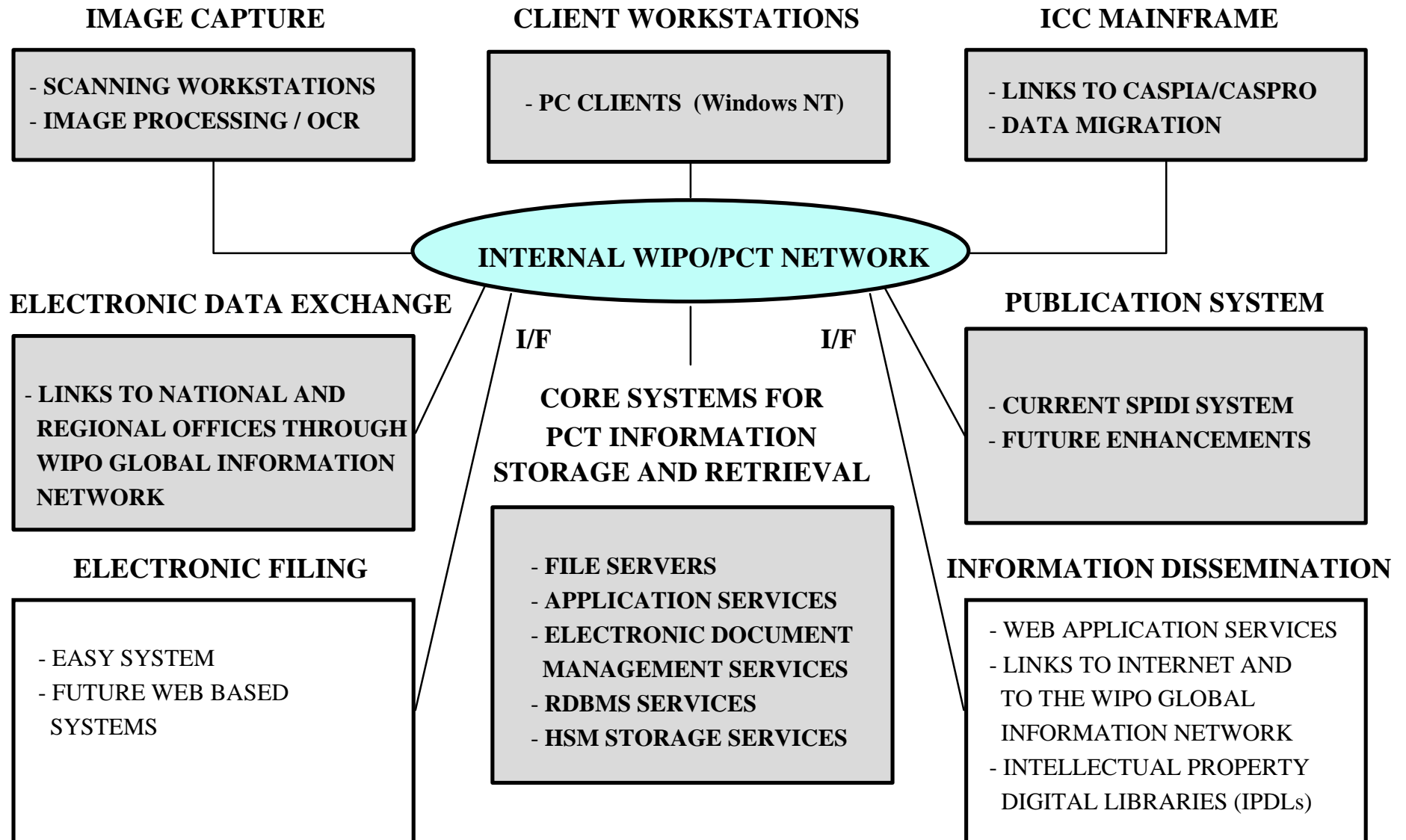
# PCTAS Project Linkages with the PCT System



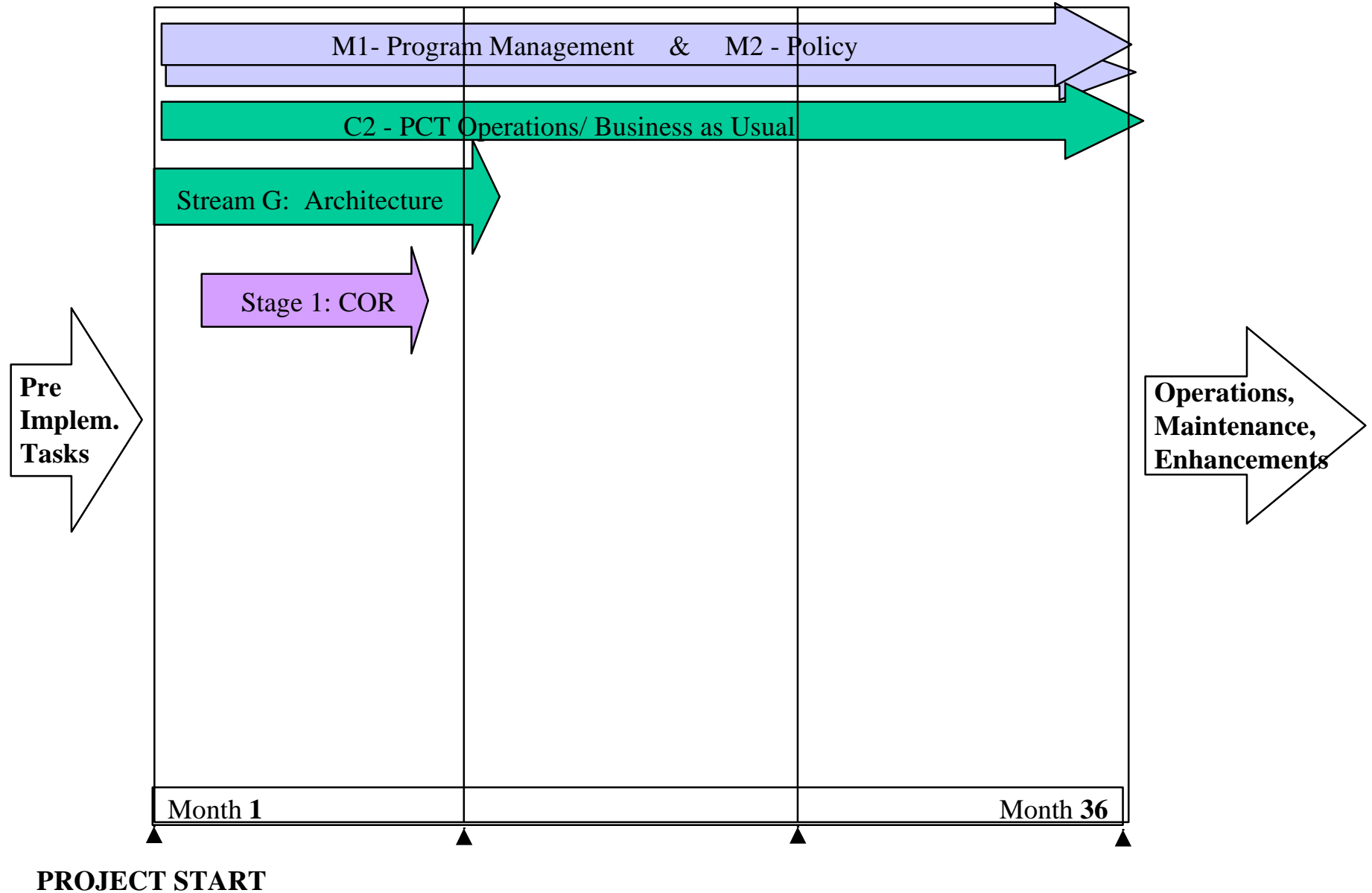
## Overview of Procurement Timetable

August 1, 1998	Select company to assist in the preparation of the Request for Proposal (RFP)
September 1.	Issue Expression of Interest (EOI) Package (Deadline for EOI: September 30, 1998)
End November	Complete pre-qualification of potential bidders
End November	Mail RFP to pre-qualified System Integrators
February, 1999	Deadline for responses from bidders
April 1999	Complete selection of System Integrator

# PCTAS Project - Functional Scope and Extensions



# PCTAS Project - Implementation Stages





# **PCTAS Stage 1 - Communication on Request (COR)**

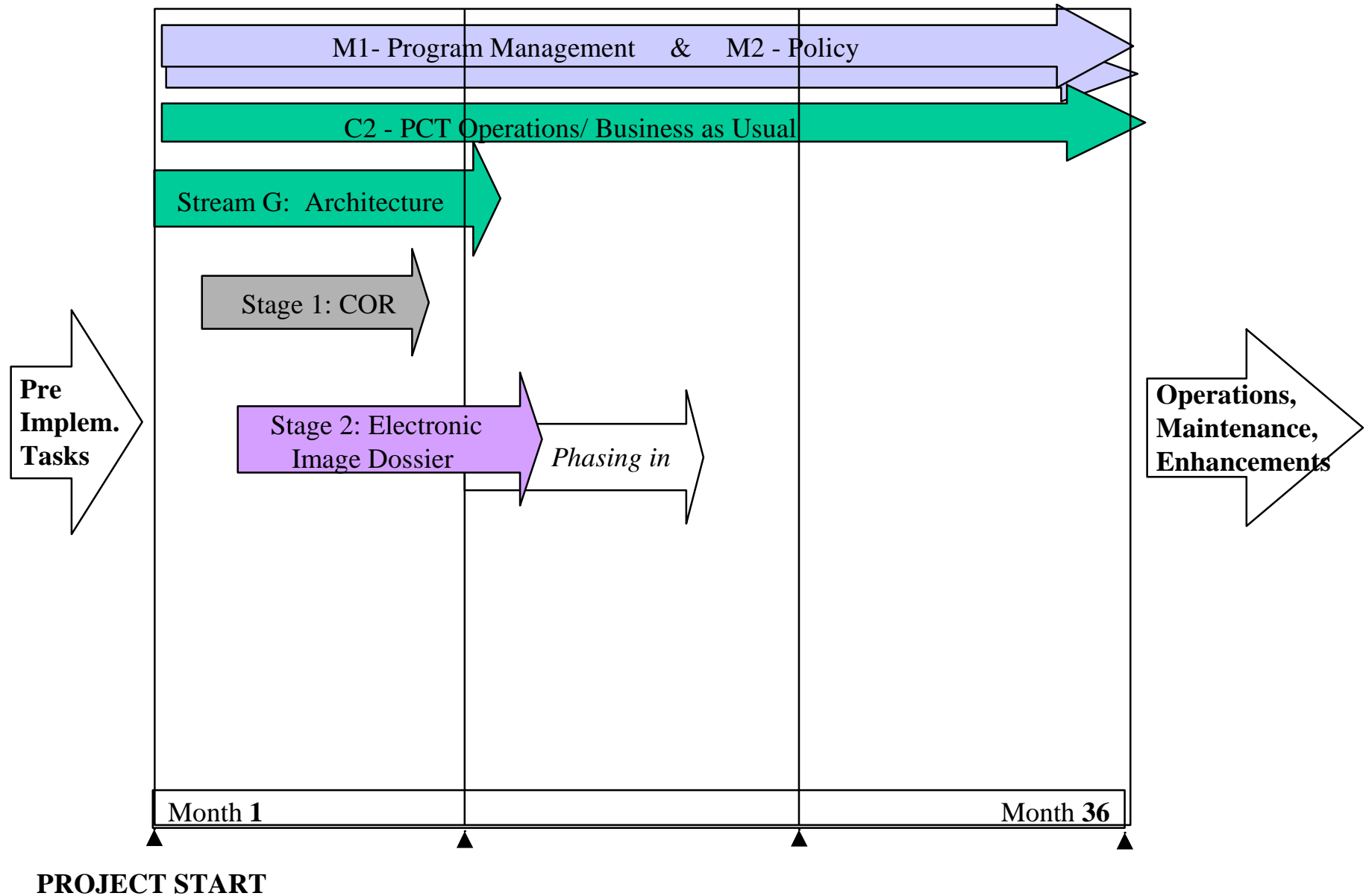
## **Assumptions:**

- Handling static documents (PDOCs, Pamphlets, IPERs, IB/351)
- PDOCs received as TIFF images from EP, JP, US (50 - 65 %)
- Other PDOCs received on paper and scanned in-house
- Pamphlets retrieved as TIFF images from PAMSCAN system
- IPERs scanned in-house and stored as images
- Image quality agreement with partner offices (e.g. EP, JP, US)
- Initially a batch-type processing, with limited number of users
- In a second phase, on-line consultation and local print facility

## **Exchange Media:**

- Electronic (CD-R , tape, testing of on-line)
- Paper

# PCTAS Project - Implementation Stages



# PCTAS Stage 2 - Electronic Image Dossiers (EID)

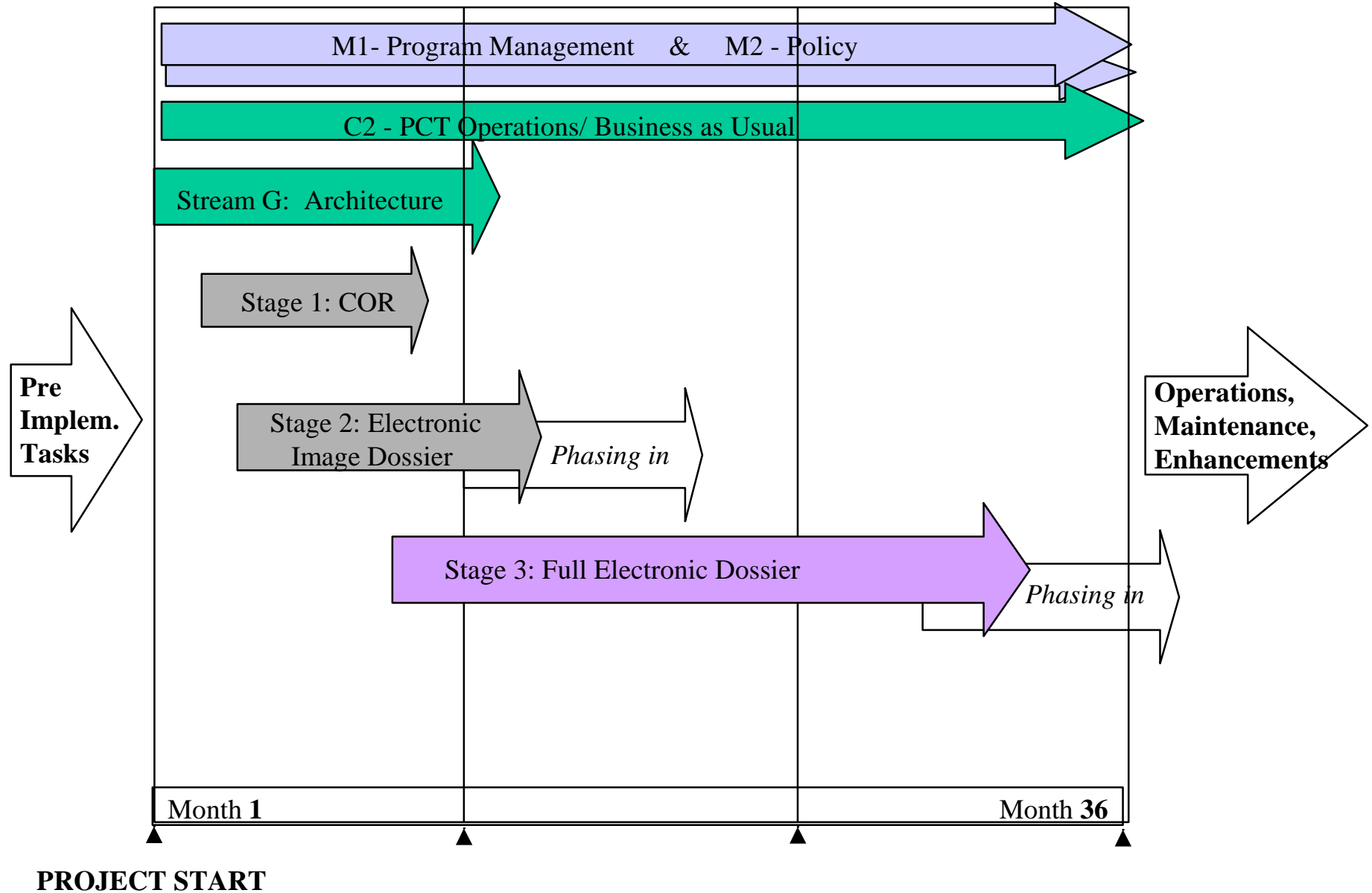
## Assumptions:

- Stage 2 built on hardware / software architecture of Stage 1
- Each dossier maintained in ‘all paper’ or in ‘all electronic’ form
- ‘Electronic dossiers’ created for IAs that are received at IB as TIFF images (possibly 65% of total: EP, JP, US)
- Scanning of additional paper document related to the ‘electronic dossiers’
- Electronic dossier to ‘simulate’ the functionality of current paper dossiers
- CASPIA to remain the control system
- Archival function for retaining ‘legal copy’ of electronic filings
- As a second phase, scanning of all incoming applications

## Exchange Media:

- Electronic (CD-R , tape, introduction of on-line).
- Paper

# PCTAS Project - Implementation Stages



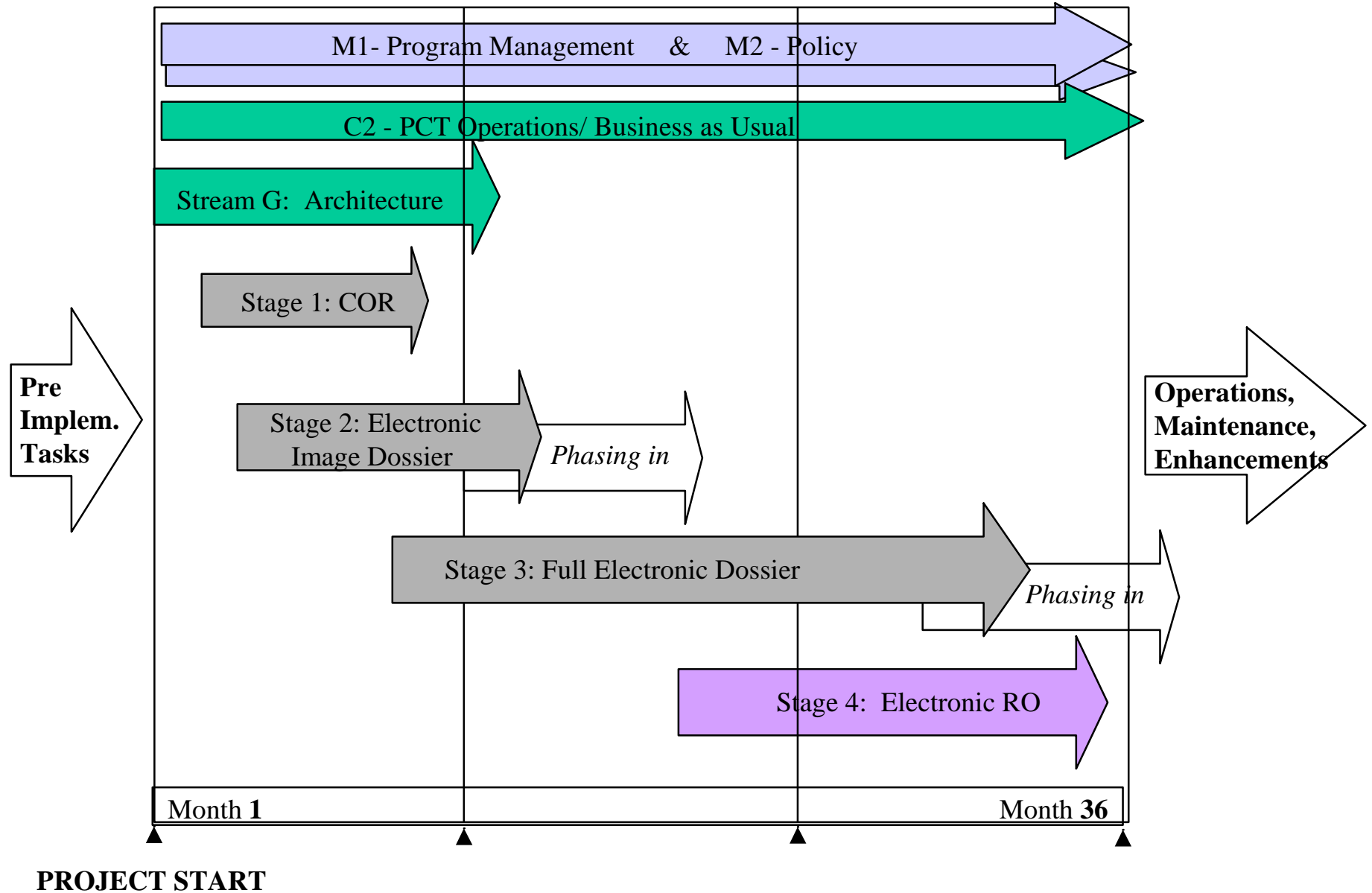
# PCTAS Stage 3 - Full Electronic Dossier (FED)

## Features:

Implement all functionality set forth in the TOR document, including:

- Stage 3 built on hardware / software architecture of Stages 1 + 2
- Implementation of new control system (i.e. CASPIA re-write)
- Data transfer facility between CASPIA and PCTAS for data consolidation during phased implementation period
- Handling of full electronic dossiers with multiple document formats (e.g. TIFF, PDF, SGML/XML), versioning and baselining
- 'Thin' client for accessing the integrated information and document management system
- Electronic on-line Data Exchange functionality
- Pamphlet preparation for flexible publishing
- Comprehensive access security and auditing

# PCTAS Project - Implementation Stages



# **PCTAS Stage 4 - Electronic Receiving Office (ERO)**

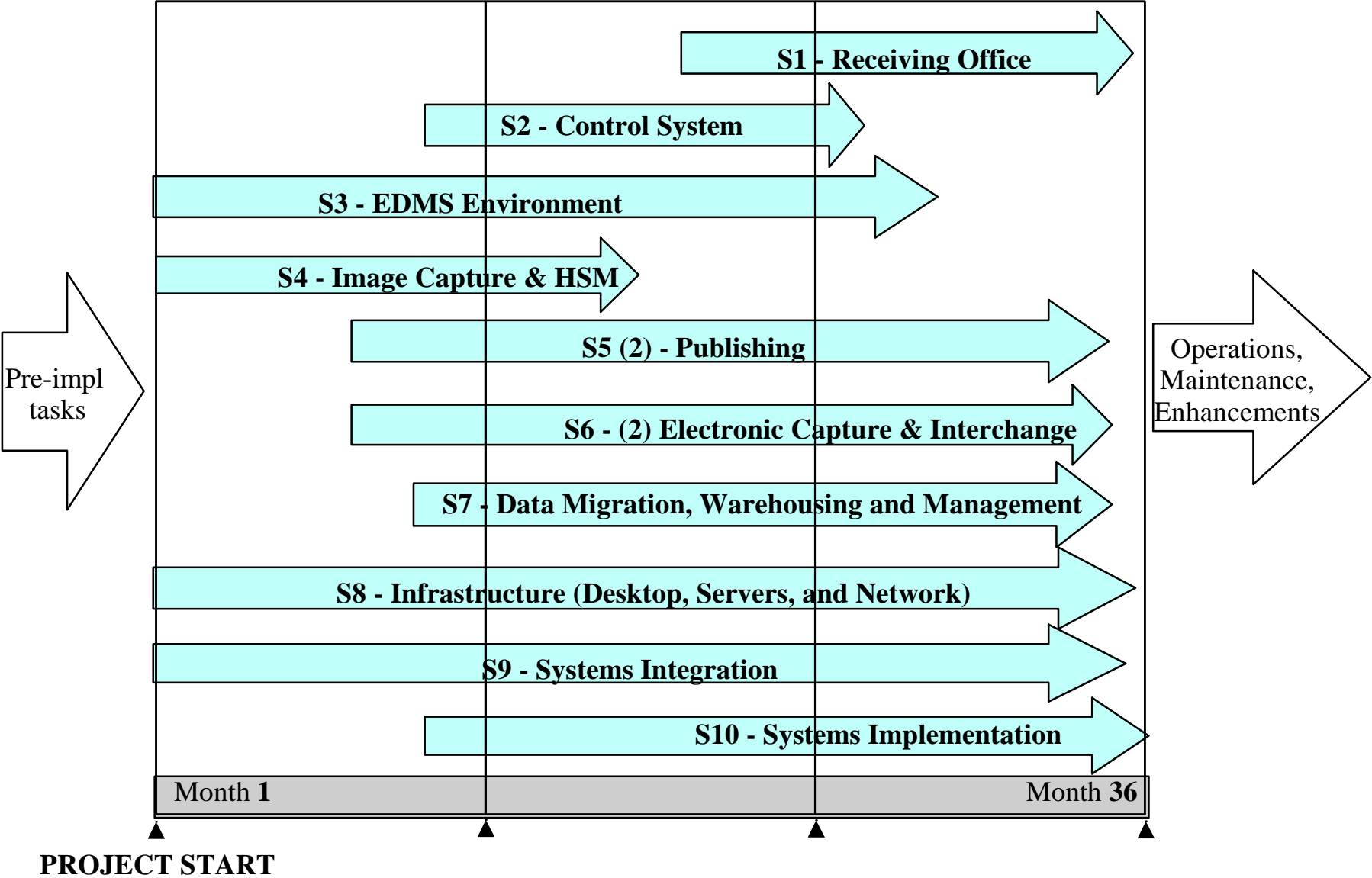
## **Features:**

- ERO will re-utilize hardware / software architecture of Stage 3
- Implement RO/IB functionality (i.e. CASPRO re-write)
- Data transfer facility between CASPRO and PCTAS for data consolidation during phased implementation period
- Handling full electronic dossiers with multiple document formats (e.g. TIFF, PDF, SGML/XML), versioning and baselining
- ‘Thin’ client for accessing the integrated information and document management system
- Electronic on-line Data Exchange functionality

## **Special Requirements:**

- Scalable design (to enable adaptation for other receiving Offices)
- Localization (e.g. easy conversion for different languages)

# PCTAS Project - Technical Streams





# PCTAS Project - Technical Streams and Implementation Stages

Stage	Project /Tasks	Ref.	3	6	9	12	15	18	21	24	27	30	33	36			
M1, M2	Management Program & Policy																
C1,C2	Change Management																
G	Global Logical & Technical Architectures																
<b>1</b>	<b>Communication On Request (COR)</b>																
	EDMS	S3															
	Image capture & HSM	S4															
	Electronic Capture & Data Interchange	S6															
	Infrastructure	S8															
	Integration	S9															
	Implementation / Acceptance	S10															
<b>2</b>	<b>Electronic Image Dossier (EID)</b>																
	EDMS	S3															
	Image capture & HSM	S4															
	Preparation of Publishing	S5															
	Electronic Capture & Data Interchange	S6															
	Infrastructure	S8															
	Integration	S9															
	Implementation / Acceptance	S10															
<b>3</b>	<b>Full Electronic Dossier (FED)</b>																
	New Control System	S2															
	EDMS	S3															
	Image capture & HSM	S4															
	Preparation of Publishing	S5															
	Electronic Capture & Data Interchange	S6															
	Data Migration and Management	S7															
	Infrastructure	S8															
	Integration	S9															
	Implementation / Acceptance	S10															
<b>4</b>	<b>Receiving Office (RO/B)</b>	S1															