



# Critical Infocomm Technology Resource Programme

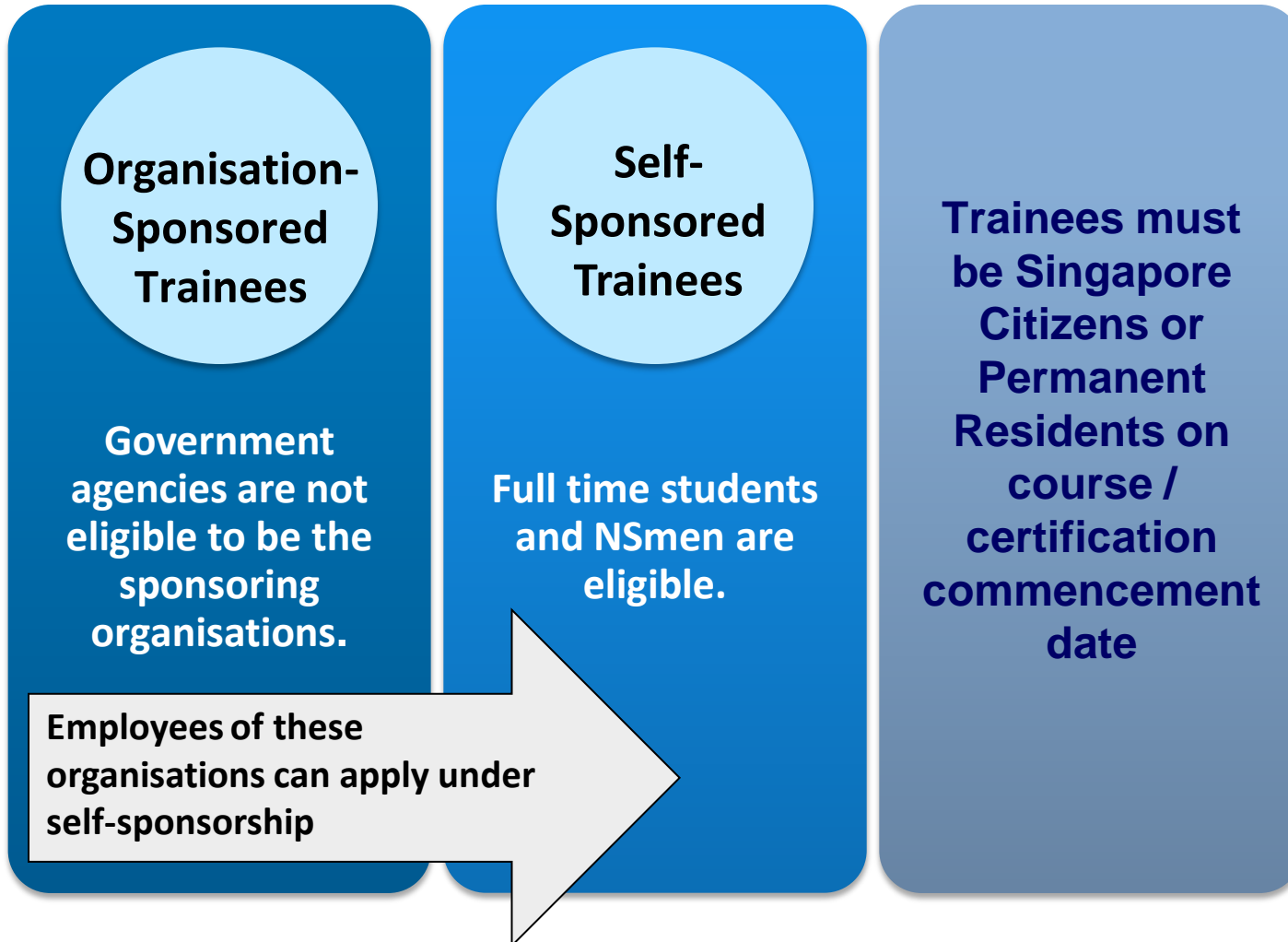
**[FY11-FY12: 1 April 2011 to 31 March 2013]**

**Updated: 8 April 2011**

## Agenda

- **Target Audience**
- **Supported Skill Areas**
- **Course/Certification Endorsement Criteria**
- **Funding Support**
- **Course/Certification Endorsement Application**
- **Course/Certification Workflow**
- **Claim Conditions**

# Target Audience



# Supported Skill Areas

## ■ Critical Infocomm Skills (Specialist & Above) : 5

### Data Integration & Information Management

- E.g. Database Administration & Management; Data Warehousing Technology

### IT Services & Business Management

- E.g. Project Management; Service & Quality Management; IT Outsourcing Management; Business Analysis; Change Management; Lean Transformation; Service Science; IT Management (CTO/CIO)

### Infrastructure & Network Management

- E.g. Network Planning, Design & Implementation; Network Operations Management, Monitoring & Maintenance; Technical/System Support; Business Continuity & Disaster Recovery; Radio Access/Wired Network Management; Network Security Administration; IPv6, NGN – Next Generation Network (NGN Planning & Design, NGN Architecturing, Home Networking)

### ICT in Media & Entertainment

- E.g. Digital Contents Software Development; Digital Media Application Development Digital Media Metrics & Analytics; Digital User Interface Application Development; Games Programming

### Software Development

- E.g. Enterprise Systems Applications (ERP,CRM); Software Engineering & Methodologies; Development Tools for System & Application Software; Requirement Gathering & Process Redesign; Embedded Development & Design

# Supported Skill Areas

## ▪ Emerging Infocomm Skills (Specialist & Above) : 6

### Business Analytics

- E.g. Data Mining Tools & Models; Data Visualisation & Reporting; Predictive Modelling; Text Analytics

### Cloud Computing

- E.g. Virtualisation; Utility Computing; System Performance Management; Cloud Architecturing; Design & Development of Cloud Services; Cloud Deployment & Management (eg. Platforms, Technologies, Intercloud)

### Green Infocomm

- E.g. Virtualisation; Data Centre Architecture; Green Software Design & Development; Energy Audit; Standards – EU Code of Conduct for Data Centres, Singapore Standard for Green Data Centres (SS 564 : 2010)

### Infocomm Security

- E.g. Cloud Computing Security; Mobile Security; Embedded Security; Virtualisation Security; Identity Management; Digital Forensics

### Mobile Application Development

- E.g. Server Technologies (.Net Framework, Cloud Computing); Network/Radio Technologies (4G, 3G, HSDPA+, WiFi); Platforms-Specific Know-Hows (LBS, Sensor, Accelmr)

### Infrastructure/Network/Software Design Architecture

- E.g. Architecture Framework; Infrastructure Architecture

## Specialist & Above Levels

Skill Areas

Funding

### Emerging Skills with 30% Project Work Component

- > Business Analytics
- > Cloud Computing
- > Green Infocomm
- > Infrastructure / Network / Software Design Architecture
- > Infocomm Security
- > Mobile Application Development

**Course & Exam Fees:**

Up to 70% capped at \$3,500

**Exam Fees:**

Up to 70% capped at \$800

### Emerging Skills

- > Business Analytics
- > Cloud Computing
- > Green Infocomm
- > Infrastructure / Network / Software Design Architecture
- > Infocomm Security
- > Mobile Application Development

**Course & Exam Fees:**

Up to 50% capped at \$2,500

**Exam Fees:**

Up to 50% capped at \$500

### Critical Skills

- > Data Integration and Information Management
- > Infrastructure / Network Management
- > ICT Media & Entertainment
- > IT Services and Business Management
- > Software Development

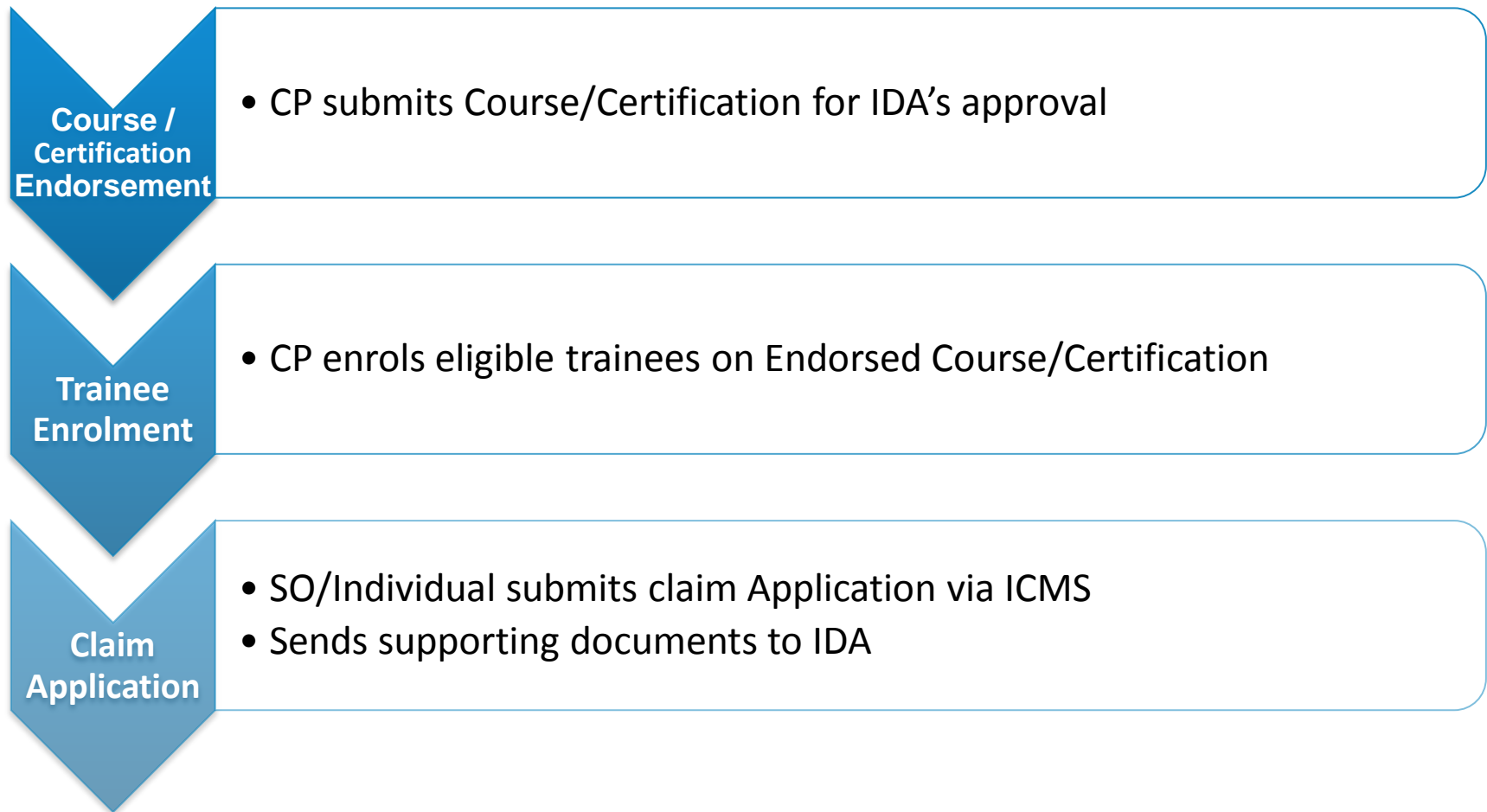
**Course & Exam Fees:**

Up to 50% capped at \$2,500

**Exam Fees:**

Up to 50% capped at \$500

# CITREP Workflow



# Claim Conditions



- Trainee to commence the Endorsed Course / Certification within the endorsement validity period (Enrolment by Course Provider)

- Trainee to complete the Endorsed Course / Certification within Qualifying Period (12 months from start date)

- Sponsoring Organisation/ Individual submits Claim Application via ICMS (within 3 months from actual completion date)
- Sends supporting documents to IDA (necessary to complete the application)

# SINGAPORE: AN INTELLIGENT NATION, A GLOBAL CITY POWERED BY INFOCOMM

[www.ida.gov.sg](http://www.ida.gov.sg)  
[www.infocommsingapore.sg](http://www.infocommsingapore.sg)

