

# 薄扶林村及 薄扶林村文化地境保育小組

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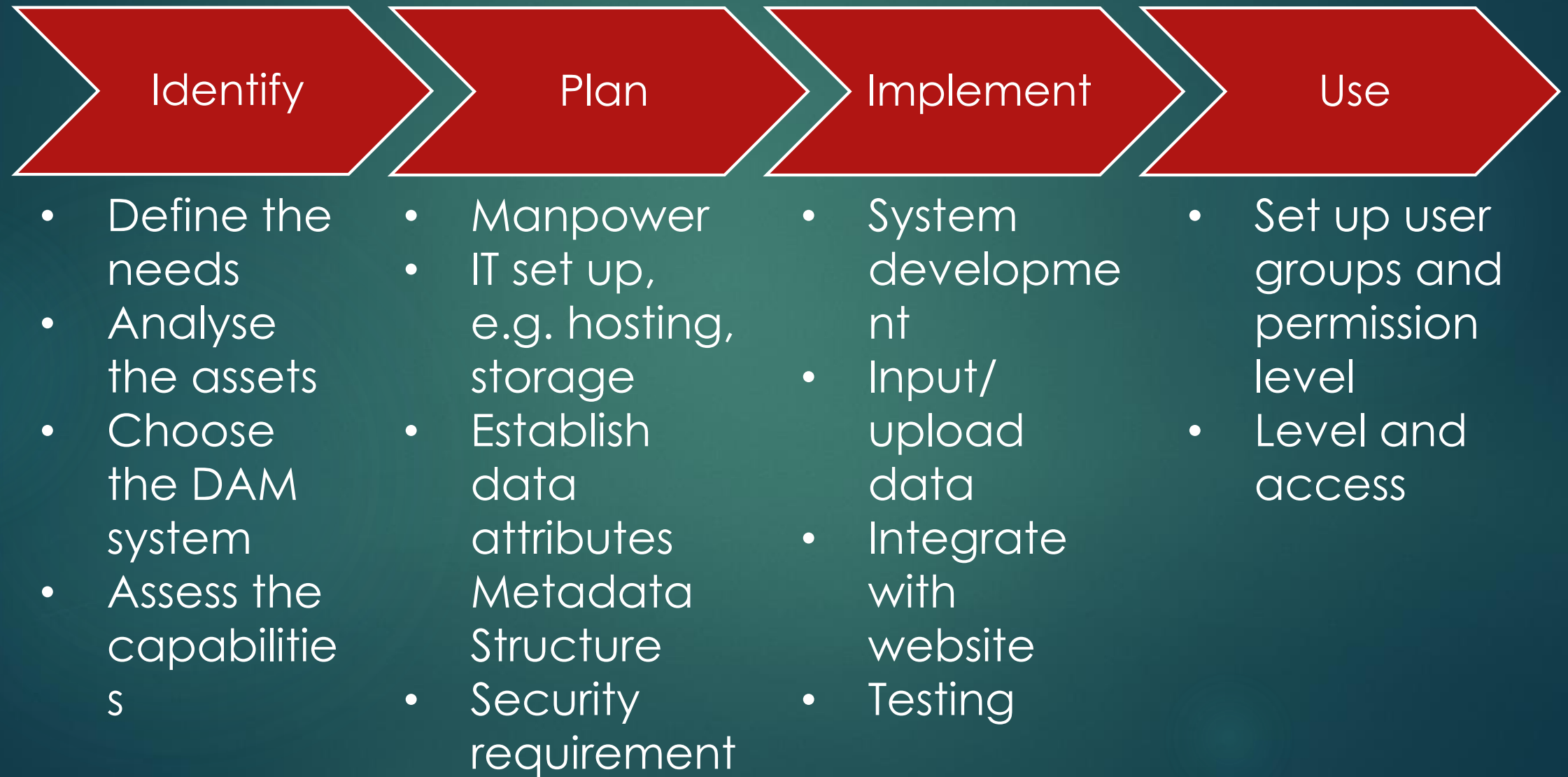
# 計劃資助

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# 計劃流程

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# 系統主要功能

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- ▶ Uploading
- ▶ Searching
  - ▶ Simple search
  - ▶ Advanced search
  - ▶ Special search terms (“ “ \*)
- ▶ Editing resources
  - ▶ multi-select editing
- ▶ Sharing resources
- ▶ Related resources
- ▶ Creating collections

# 系統主要功能

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- ▶ User permissions for different user groups
- ▶ Managing resources (different status)
- ▶ Resource types
- ▶ Watermarks
- ▶ File integrity checking
- ▶ Checksums



# ResourceSpace 特色功能

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- ▶ Google Vision API
- ▶ Extracted text
- ▶ License Manager

# Metadata groups 元數據類別

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- ▶ Metadata
  - ▶ Resource metadata (automatically captured examples)
    - ▶ Original filename
    - ▶ Title
    - ▶ Caption
  - ▶ Collection Properties
  - ▶ Status and relationships
    - ▶ Status (active, pending or archived etc)
    - ▶ Related resources (able to relate resources for viewing)
- ▶ Metadata fields can be move up or down
- ▶ Shows different metadata fields according to different resource types

# Metadata Structure 元數據結構

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Field Standard	Field in Phase 1	Field in RS
Title	Title	Title
Descriptions	Original File name Name of Event Description Area covered Language of Document Cross Reference	Original File name Related Event Title Description Keyword Language Related Resource
Source: Creator/ Donor/ Author	Document Provider	Provenance (Source)
Date	Document Creation Date Accession Date	Object Creation Date Accession Date
Notes	Original Document Type Current location of Document Condition Copyright owner Contributed by (Contributor)	Object Type Physical Location Condition Copyright owner Contributed by (Contributor)
Extent	Size File Format Quantity	Size File format



# IT Supports 資訊科技支援

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- ▶ Open Source System
- ▶ Configuring open source system

# Open source software 開源軟件

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- ▶ Open source software is software that can be freely used, changed, and shared (in modified or unmodified form) by anyone. Open source software is made by many people, and distributed under licenses that comply with the Open Source Definition.  
(Open Source Initiative)

# Configuring open source system

## 設置開源系統

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- ▶ Domain name
- ▶ System software
- ▶ Server and hosting

# Different categories of .hk domain name 不同種類的.hk域名

- ▶ .hk
  - ▶ Local or overseas individuals or entities
- ▶ .com.hk
  - ▶ Commercial entities registered in HKSAR
- ▶ .org.hk
  - ▶ Registered or approved not-for-profit organizations in HKSARG
- ▶ .edu.hk
  - ▶ Registered schools, tertiary institutions and other approved educational institutions in Hong Kong
- ▶ etc...

# System software 系統軟件

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- ▶ Programming language used / database
- ▶ Plug-ins / extensions
  - ▶ examples
    - ▶ ImageMagick, ffmpeg
    - ▶ html2pdf, ckeditor
    - ▶ PHP extensions
- ▶ Language support

# Server 伺服器

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- ▶ Processing power
- ▶ Memory
- ▶ Storage
- ▶ Bandwidth
- ▶ Server location



# Server Hosting method

## 伺服器寄存方法

- ▶ Shared hosting
- ▶ Virtual private server (VPS) / cloud hosting / dedicated server
- ▶ Setup your own server

# Comparison of hosting methods

## 寄存方法比較

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	Shared hosting	VPS / cloud hosting / dedicated server	Setup your own server
Price	Low	High	Depends
Level of control	Low	High	High
Maintenance difficulties	Low	High	High

# Using open source system

## 使用開源軟件

- ▶ The difficulties of use, setup
- ▶ Compatibility issues
- ▶ Normally don't come with extensive support
- ▶ Flexibilities
- ▶ Cost

# Lesson Learnt/ insights/ Suggestions

## 經驗吸取和分享

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- ▶ Manpower – IT, Archive, operations
- ▶ Difference between DAM and Catalogue system
- ▶ Perform ongoing maintenance, content audits
- ▶ Importance of metadata standards
- ▶ Define rights management (ownership, copyright)
- ▶ Pros and Cons of Open Source System

