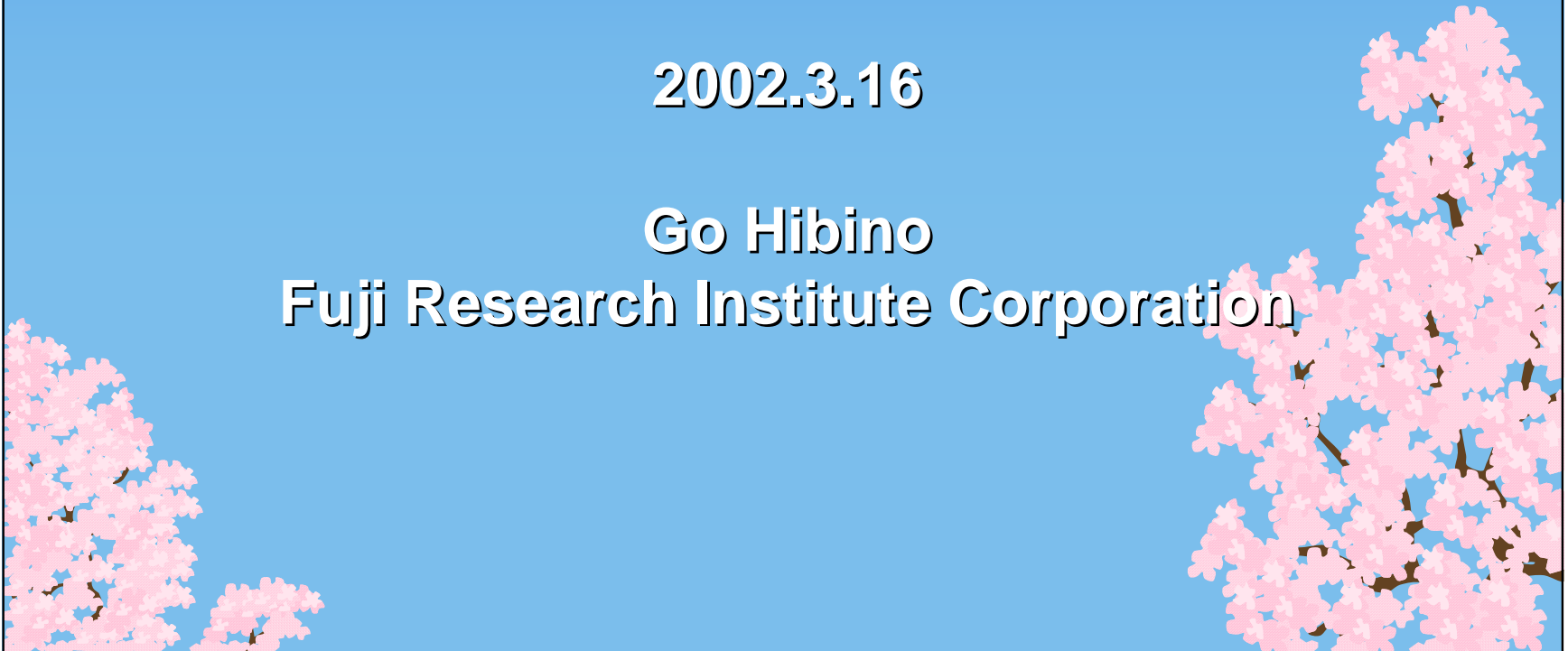


AIM Database System

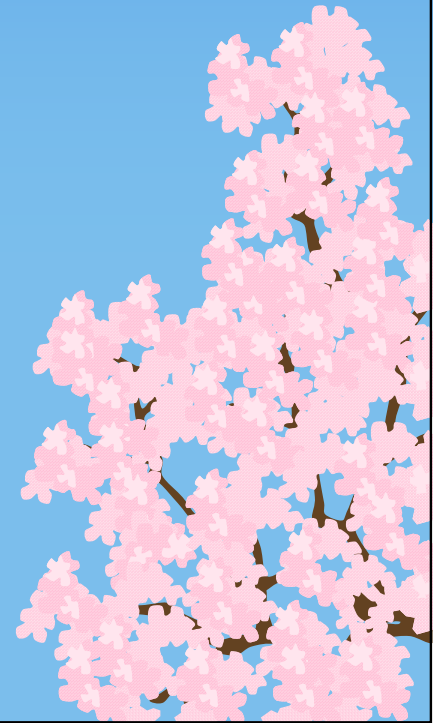
2002.3.16

**Go Hibino
Fuji Research Institute Corporation**

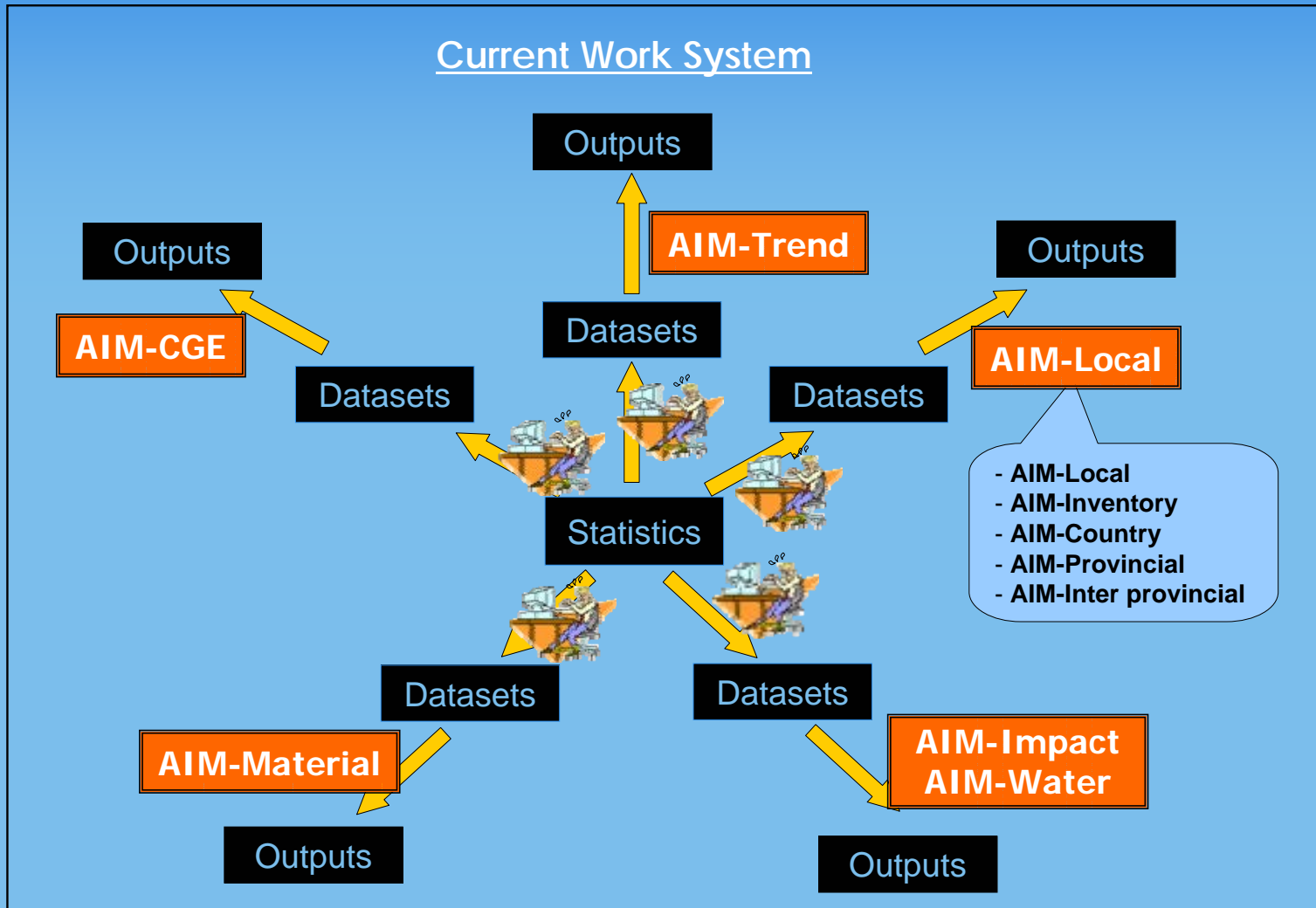


AIM Database System

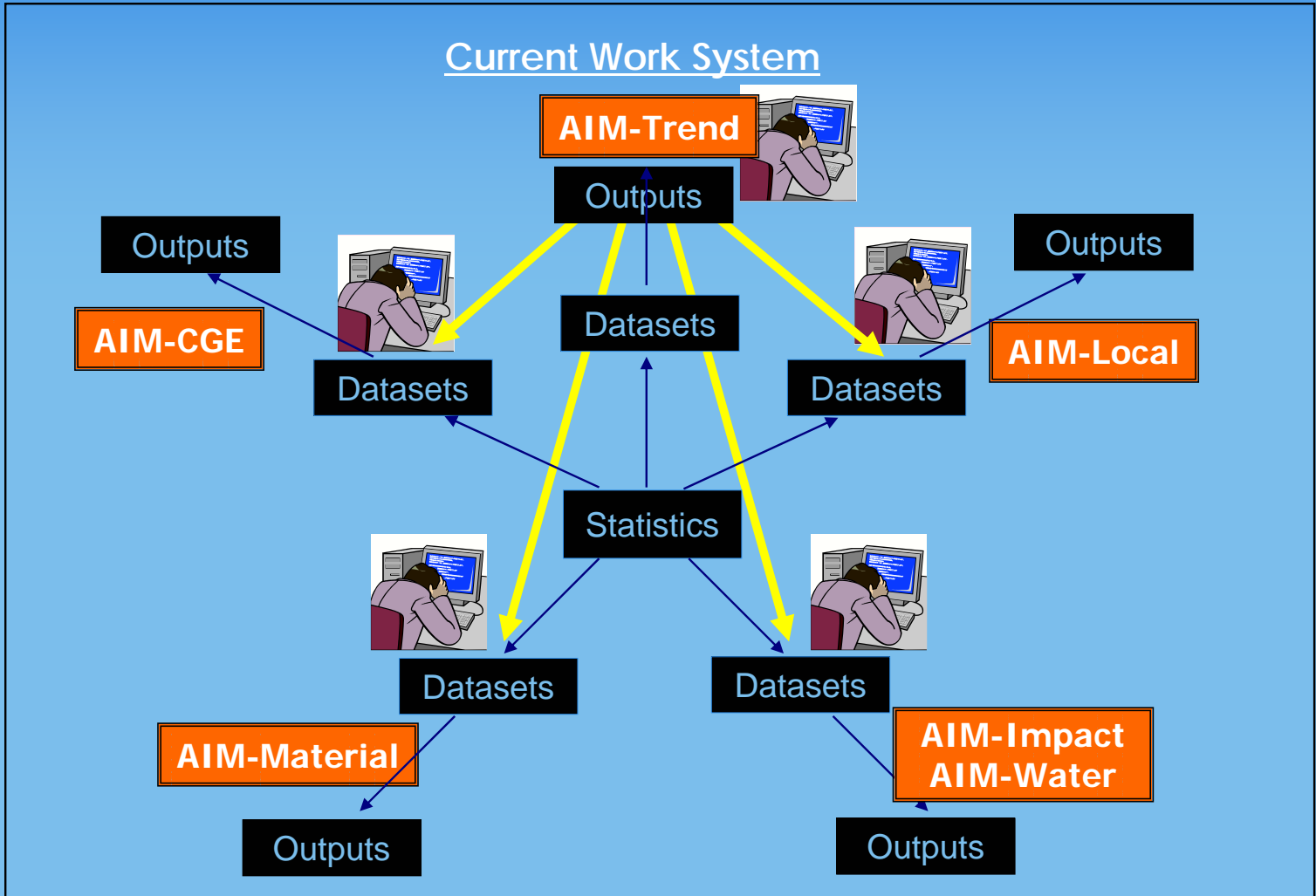
1. Background
2. AIM Common Database
3. Prototype model
4. Future work



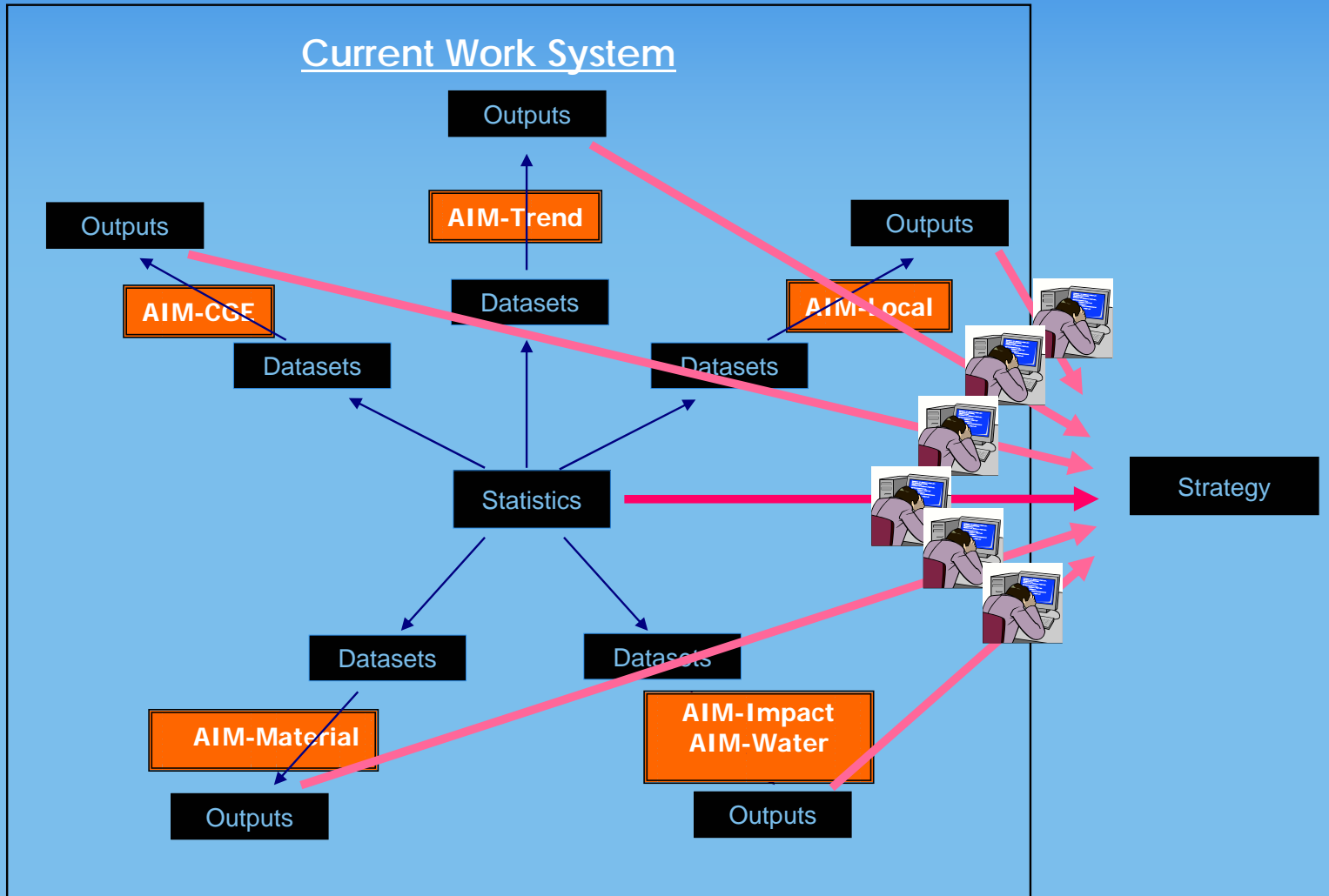
1. Background



1. Background

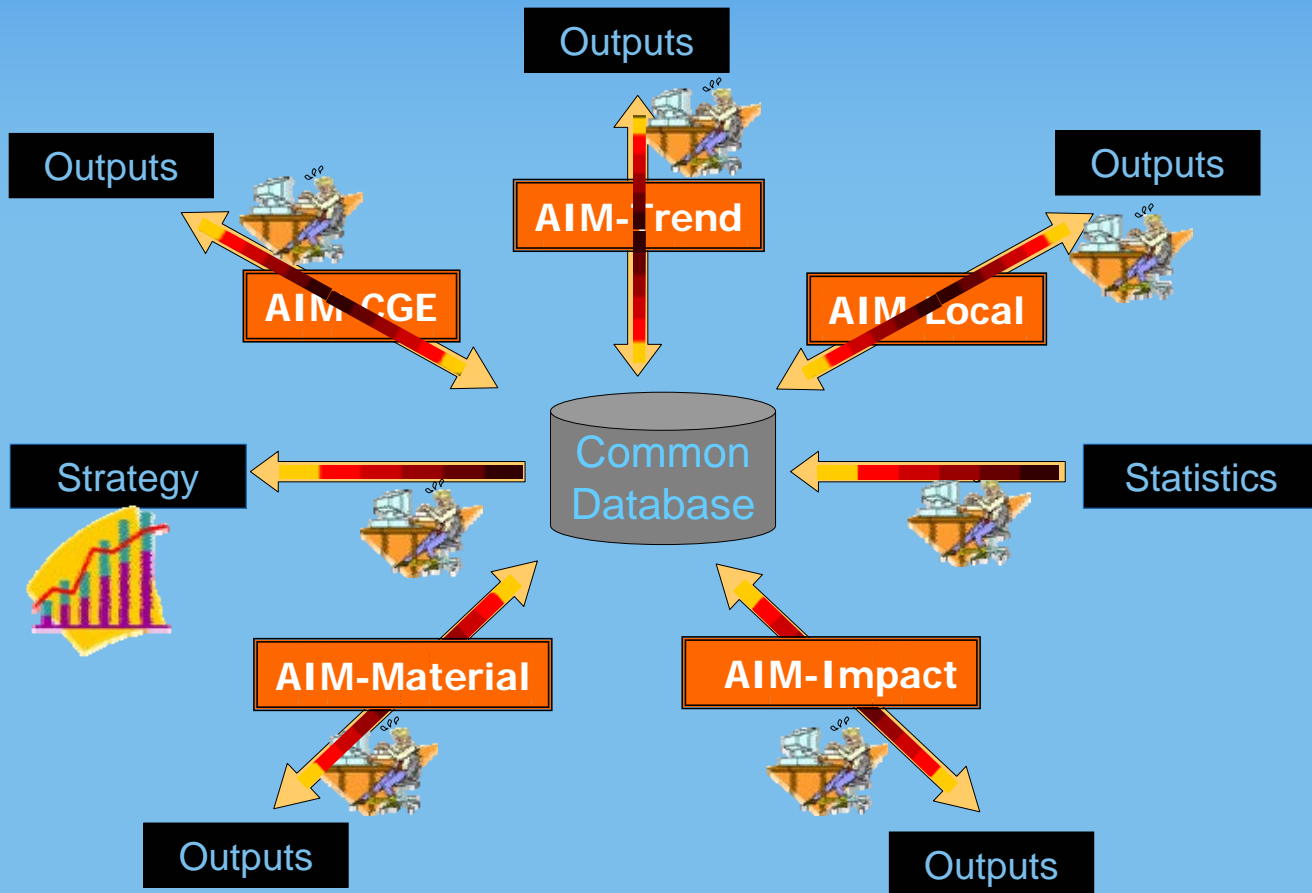


1. Background



1. Background

Innovational Work System



2. AIM Common Database

AIM Database

**AIM
Primary
Database**

**AIM
Common
Database**

2. AIM Common Database

	AIM Database	
	Primary Database	Common Database
Data	Raw Data	Process Data
File	Various	MS Access
Code	Various	Standardization
Table	Various	Standardization
Coverage	Wide	What modelers need

2. AIM Common Database

AIM Primary Database

Statistics by international organization

IEA Energy Balances

UN World Population Prospect

UN Industrial Commodity Production

FAOSTAT Statistics Database

.....

Statistics by Country Government

China

India

Korea

Thailand

Indonesia

Malaysia

Philippines

.....

Estimates by other projects

IPCC SRES

.....

2. AIM Common Database

AIM Common Database 14 Database Groups

CODE



TRANSPORT

WASTE

ENERGY



RESIDENT

WATER

GDP

AGRICULTURE

EMISSION

POPULATION

LANDUSE

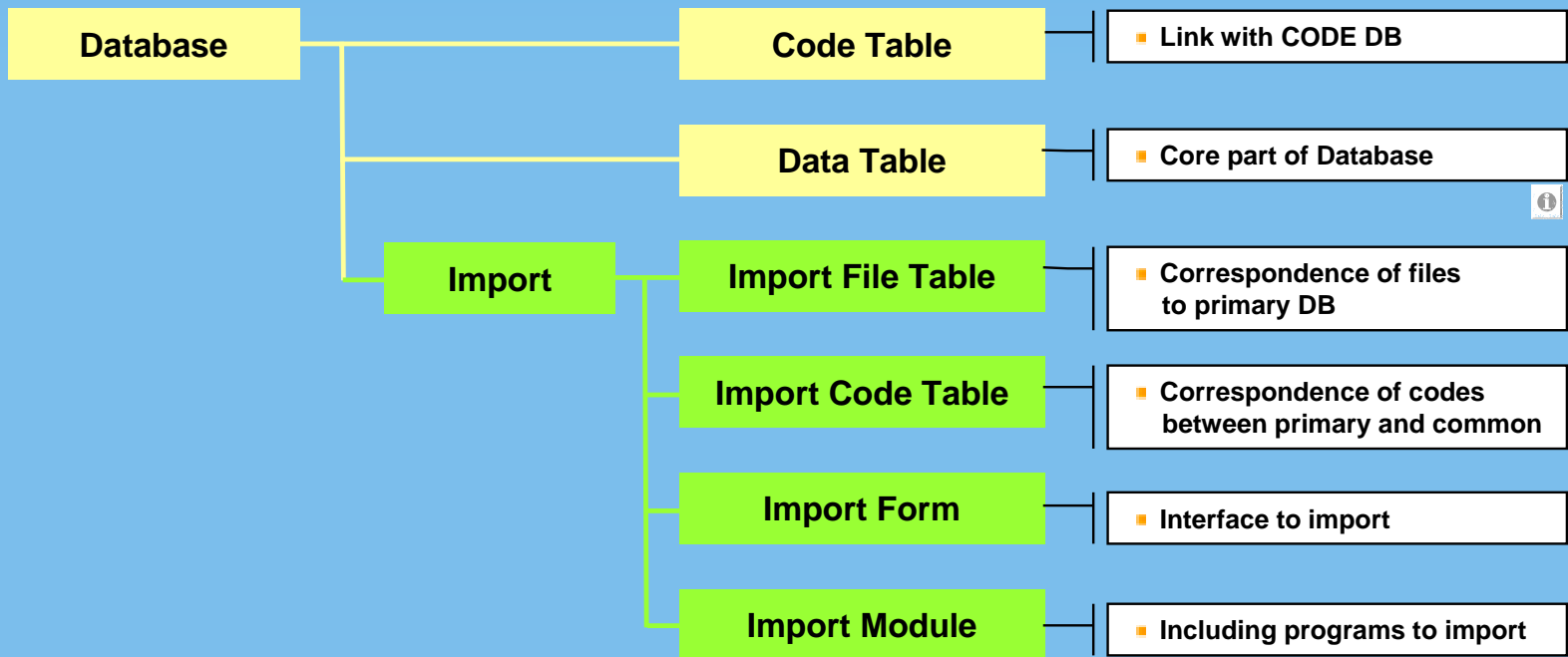
HEALTH

INDUSTRY

TRADE

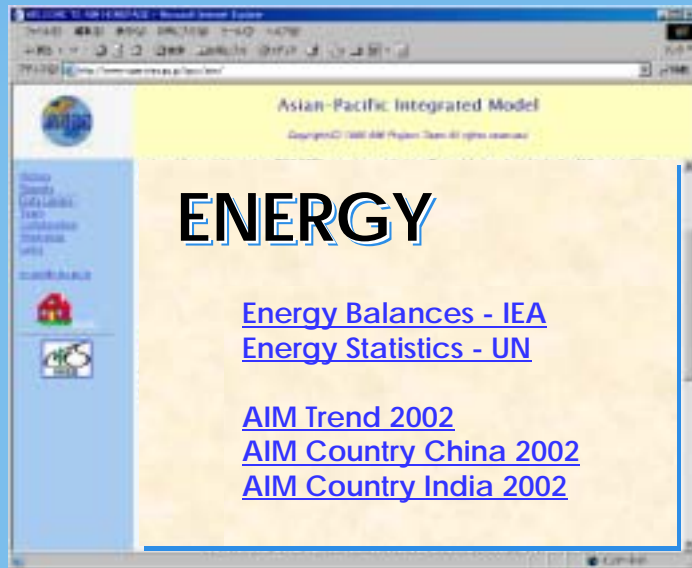
2. AIM Common Database

Structure of Database

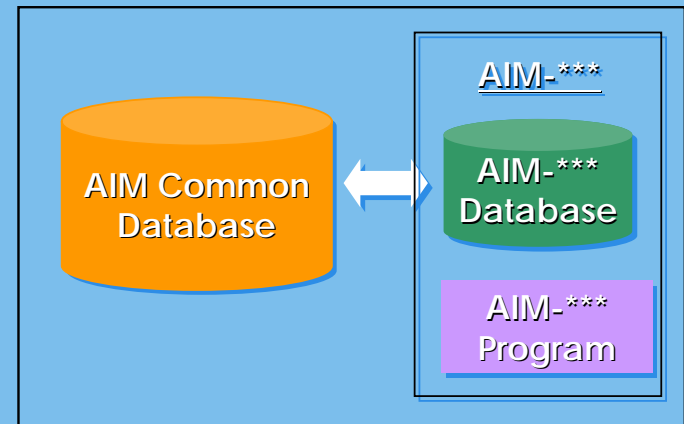
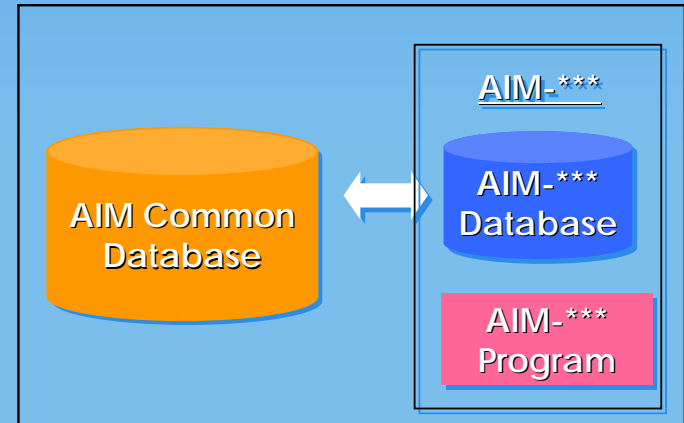


2. AIM Common Database

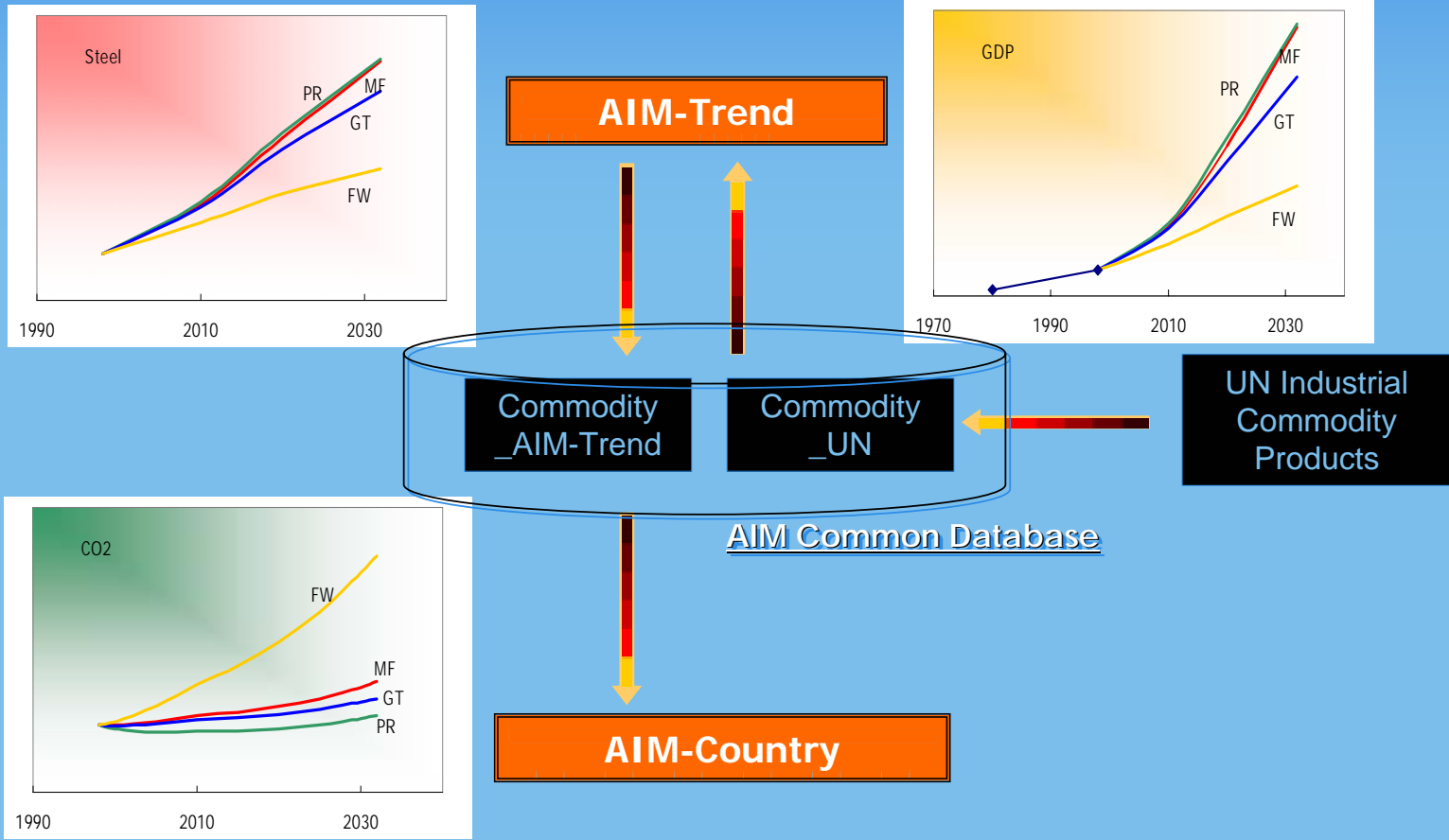
Operating and Maintenance



Only those who buy original data can use the system.



3. Prototype of AIM Common Database

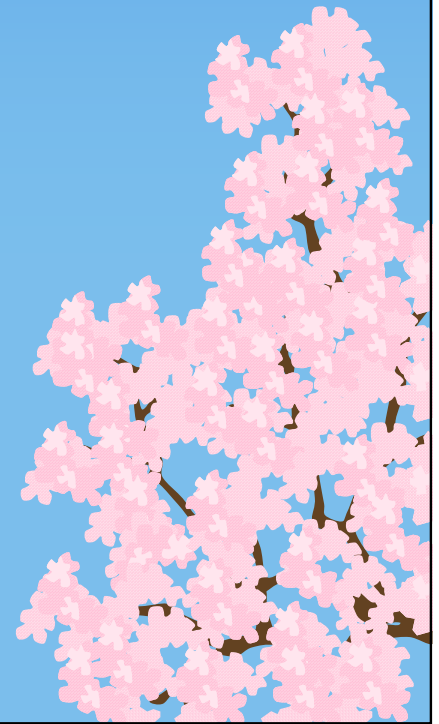
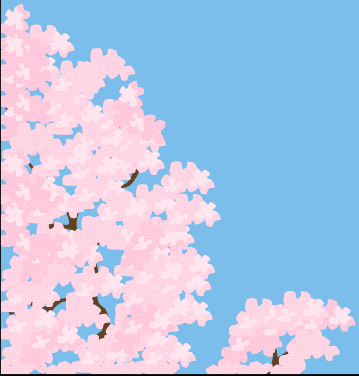


4. Future Work

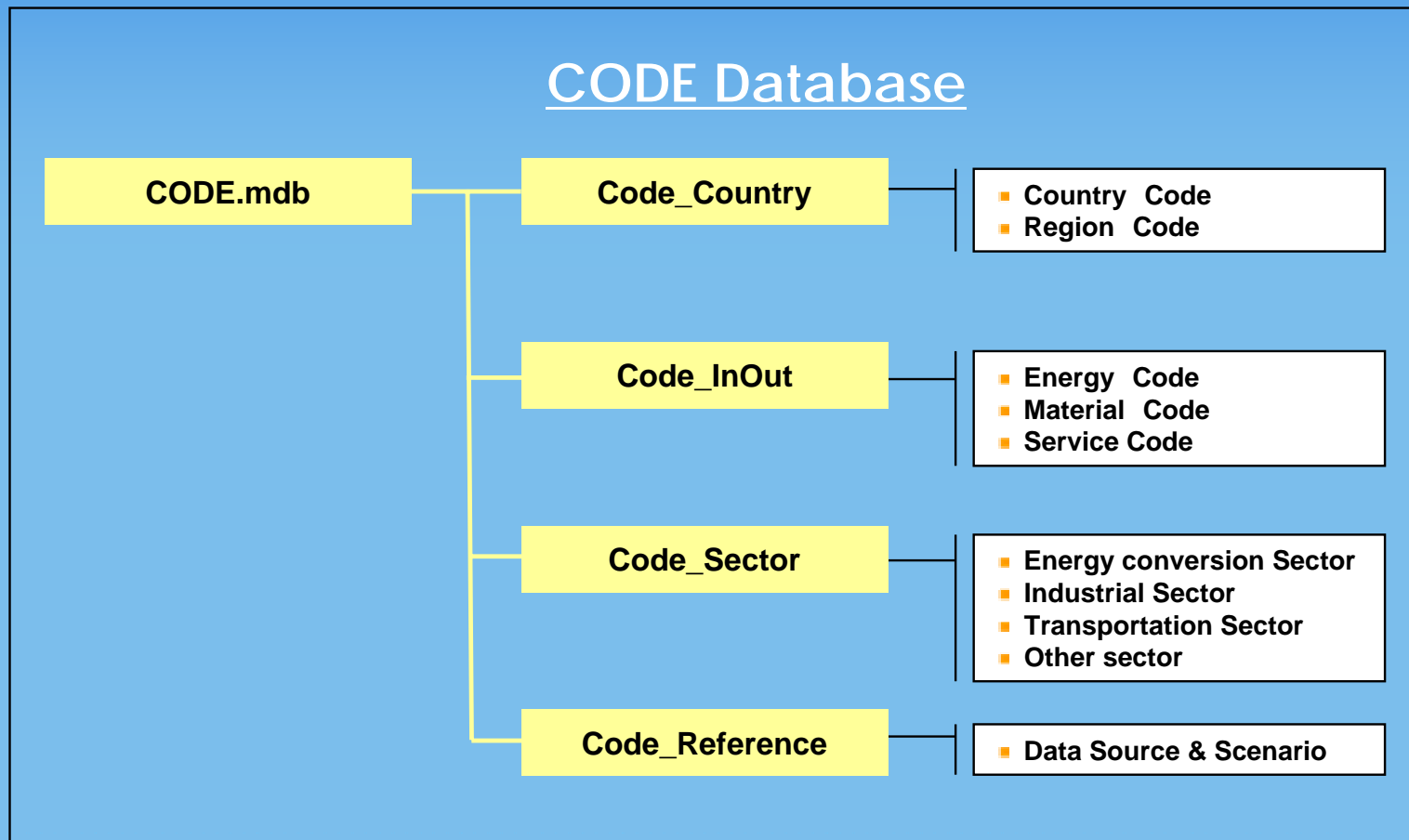
- ④ Develop Import modules - UN (energy, GDP, trade ..)
FAO, World Bank
Country Gov. Statistics
- ④ Linkage AIM-Country with AIM-Trend via AIM common DB for other countries
- ④ Linkage AIM-Country with energy balance statistics via AIM common database
- ④ Develop user's manual

AIM Database System

fin

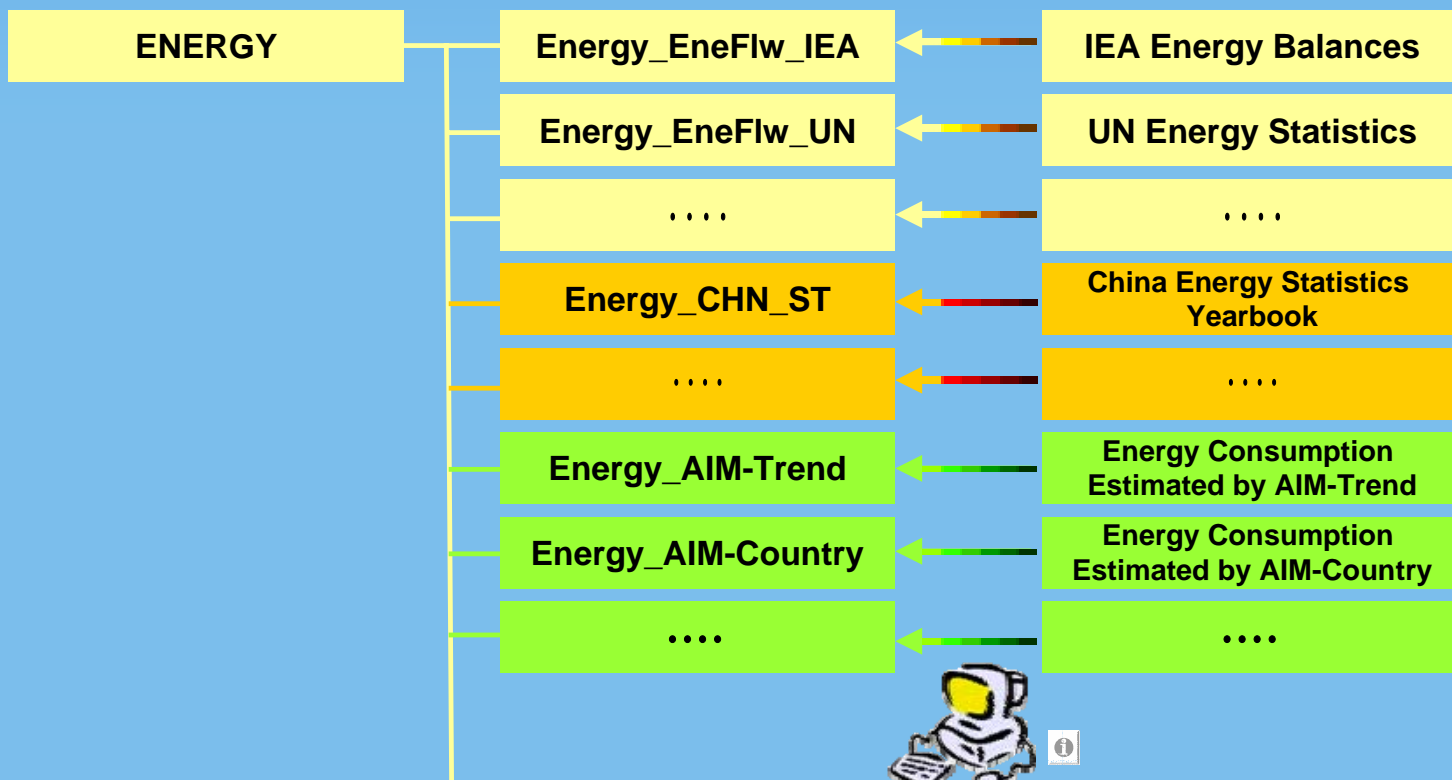


2. AIM Common Database



2. AIM Common Database

Databases in ENERGY Group



2. AIM Common Database

Design of Data Table

	ENERGY_IEA	Energy_AIM-Trend	Commodity_UN
ITEM1	“Energy Flow”	“Energy Flow”	Industrial Commodities
ITEM2	Sector classification	Sector classification	-
ITEM3	Energy classification	Energy classification	-
COUNTRY	Countries in the world	Countries in Asia	Countries in the world
CITY	-	-	-
YEAR	1960-1999	1999-2032	1961-1999
VALUE	Energy flow	Energy flow	Commodity production
REFERENCE	IEA_99	AIM_02_TR-A1	UN_CMM_01



2. AIM Common Database

Interface to convert IEA Energy Balances

