



DAM REHABILITATION AND IMPROVEMENT PROJECT (DRIP) MANAGEMENT INFORMATION SYSTEM (MIS)

Overall Project
Management:



Financial
assistance:



THE WORLD BANK
IBRD • IDA | WORLD BANK GROUP

Technical
assistance:



What is DRIP?

The Dam Rehabilitation and Improvement Project (DRIP) is being undertaken by the Central Water Commission (CWC), Government of India with World Bank loan assistance, to **improve the safety and performance of dams and strengthen the dam safety institutional setup** in participating agencies:

- **2012-2020** (8 years)
- **3466 Cr. INR** (550 Million USD)
- **223 Dams** (out of >5000 large dams in India)

Rehabilitation & Improvement

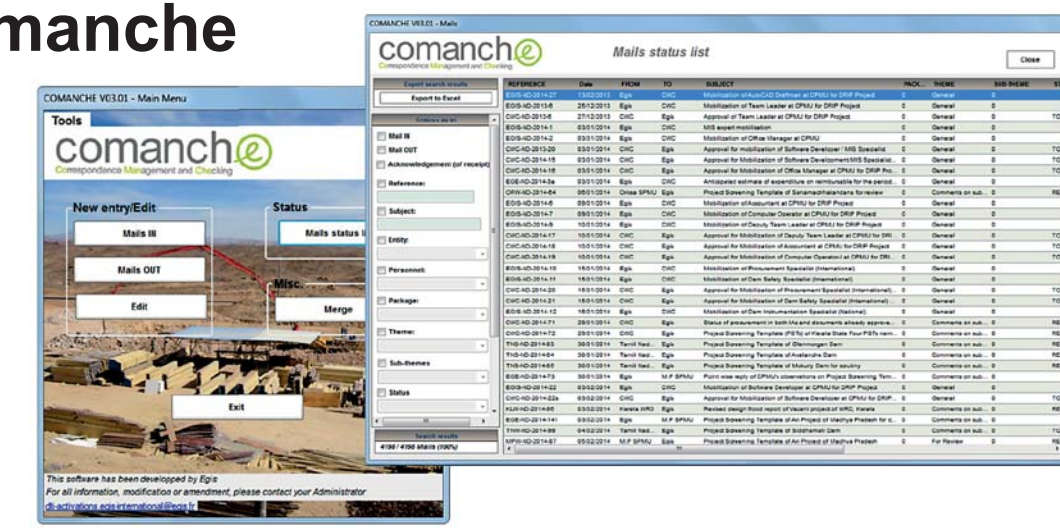
Institutional Strengthening

Project Management



MIS Tools as BIM 7D

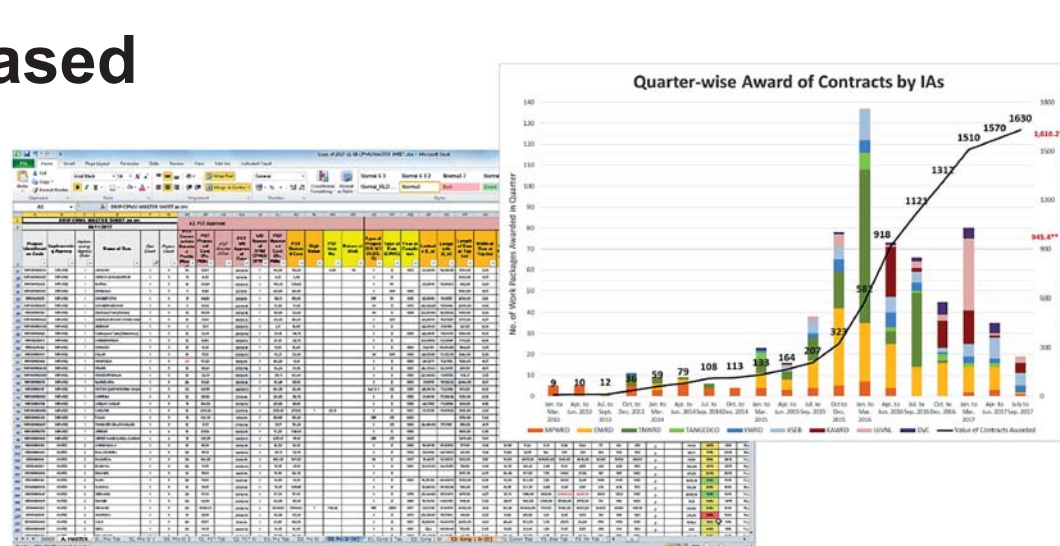
Sioux & Comanche (EDMS) by Egis



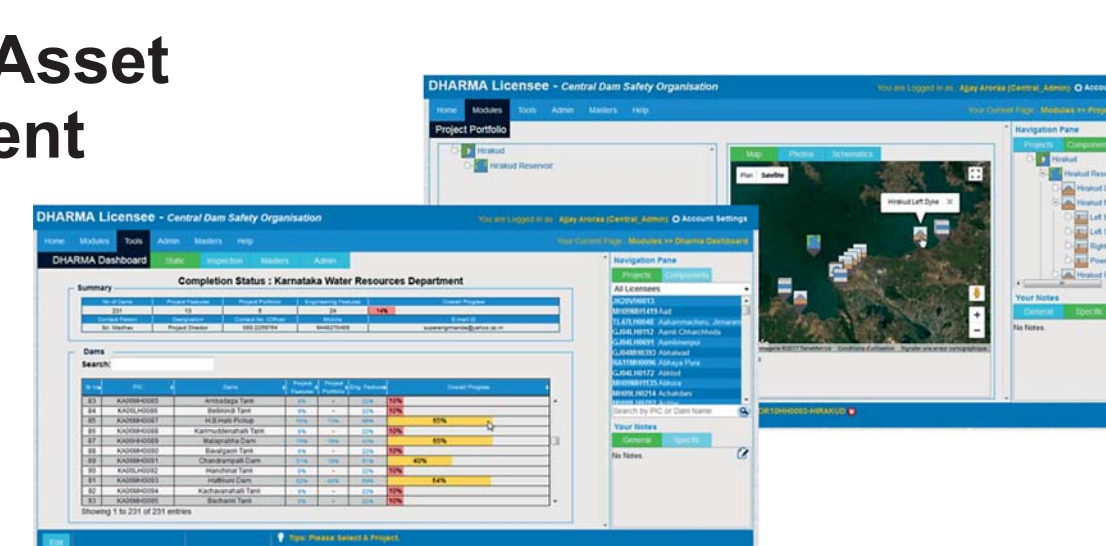
Online MIS & DRIP Website



MS Excel-based Master Sheet



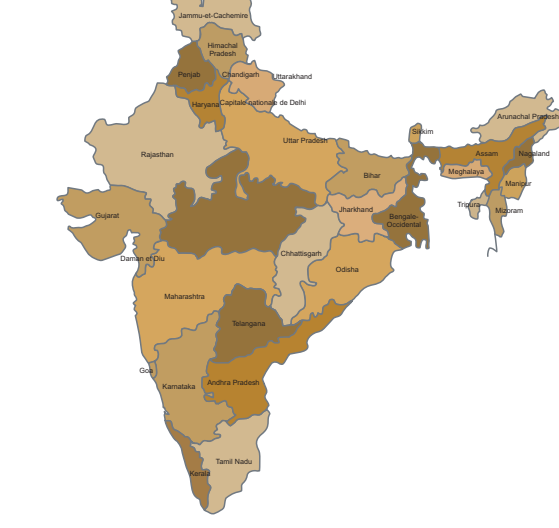
DHARMA Asset Management Software



MIS Stakeholders



Government of India



State Governments



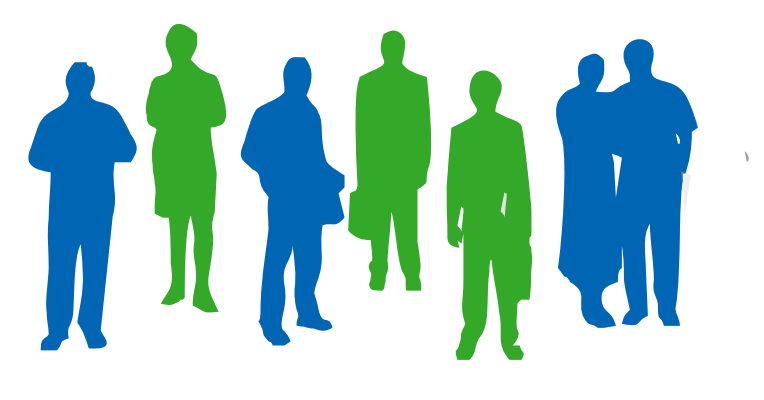
DRIP Agencies



DRIP Project Director



DRIP Suppliers



General Public



Implementing Agencies and Example Dams



Uttarakhand
5 dams



Ichari Dam :
Type : Concrete Gravity
Commissioned : 1975
Dam height : 59m
Dam length: 155m
Gross storage : 8 MCM



Madhya Pradesh
25 dams



Sanjay Sagar Dam :
Type : Earthfill Embankment
Commissioned : 1985
Dam height : 41m
Dam length: 630m
Gross storage : 38 MCM



Jharkhand
3 dams



Maithon Dam :
Type : Composite (CE)
Commissioned : 1957
Dam height : 56m
Dam length: 4430m
Gross storage : 1094 MCM



Odisha
26 dams



Hirakud Dam :
Type : Composite (CEM)
Commissioned : 1957
Dam height : 61m
Dam length: 26 000m
Gross storage : 5 900 MCM



Karnataka
22 dams



KRS Dam :
Type : Masonry Gravity
Commissioned : 1932
Dam height : 40m
Dam length: 2 620m
Gross storage : 1 400 MCM



Kerala
53 dams



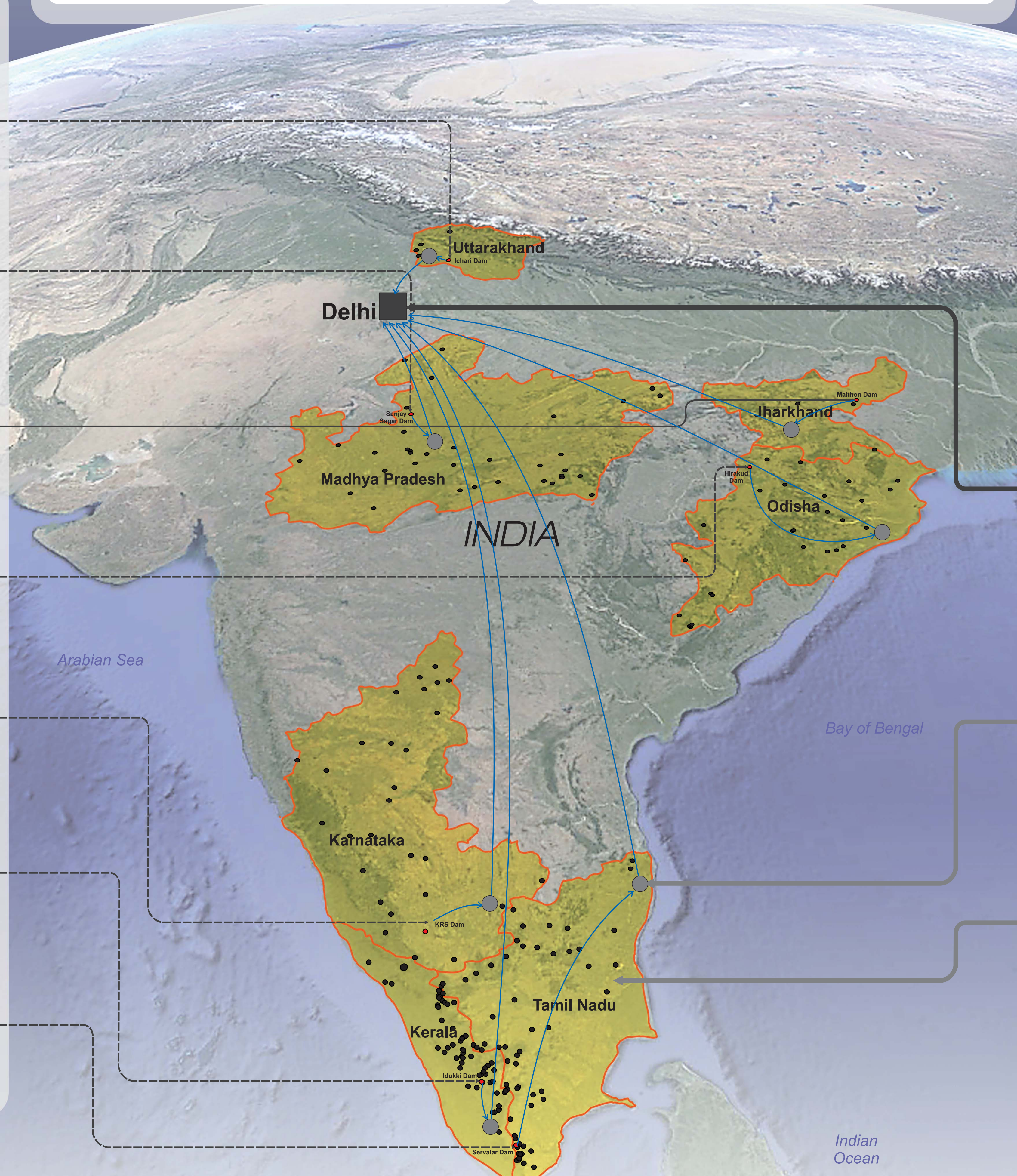
Idukki Dam :
Type : Concrete Arch
Commissioned : 1974
Dam height : 170m
Dam length: 366m
Gross storage : 2 000 MCM



Tamil Nadu
89 dams



Servarar Dam :
Type : Masonry Gravity
Commissioned : 1986
Dam height : 57m
Dam length: 465m
Gross storage : 35 MCM



Management Information System

Collection:

Sioux & Comanche (Documentation & Correspondence)

MIS Update Forms (Technical, Financial & Procurement Data)

Processing:

Master Sheet (Processing of Project Technical, Procurement & Financial Data)

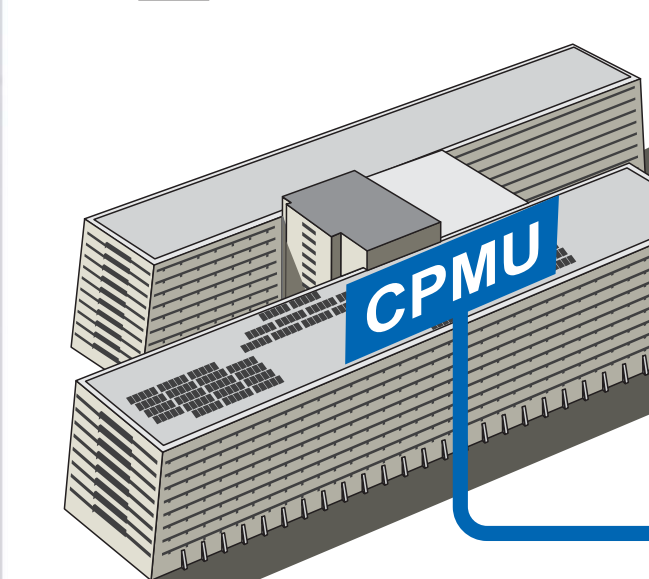
Reporting:

Progress Reports

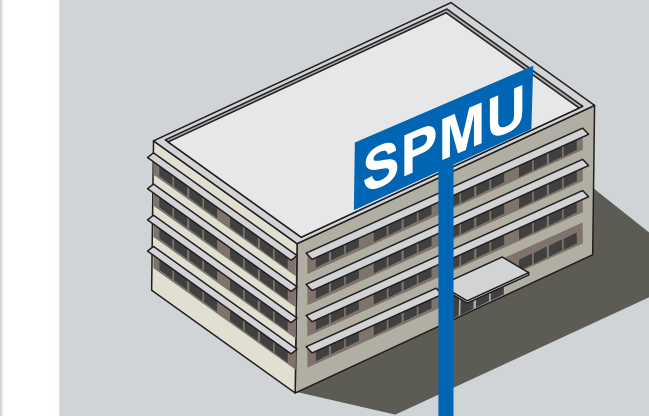
Online MIS & Website <https://damsafety.in/>

DHARMA Dam Health And Rehabilitation Monitoring Application <https://damsafety.in/dharma>

Central (CPMU)



State (SPMU)



Dam Sites

