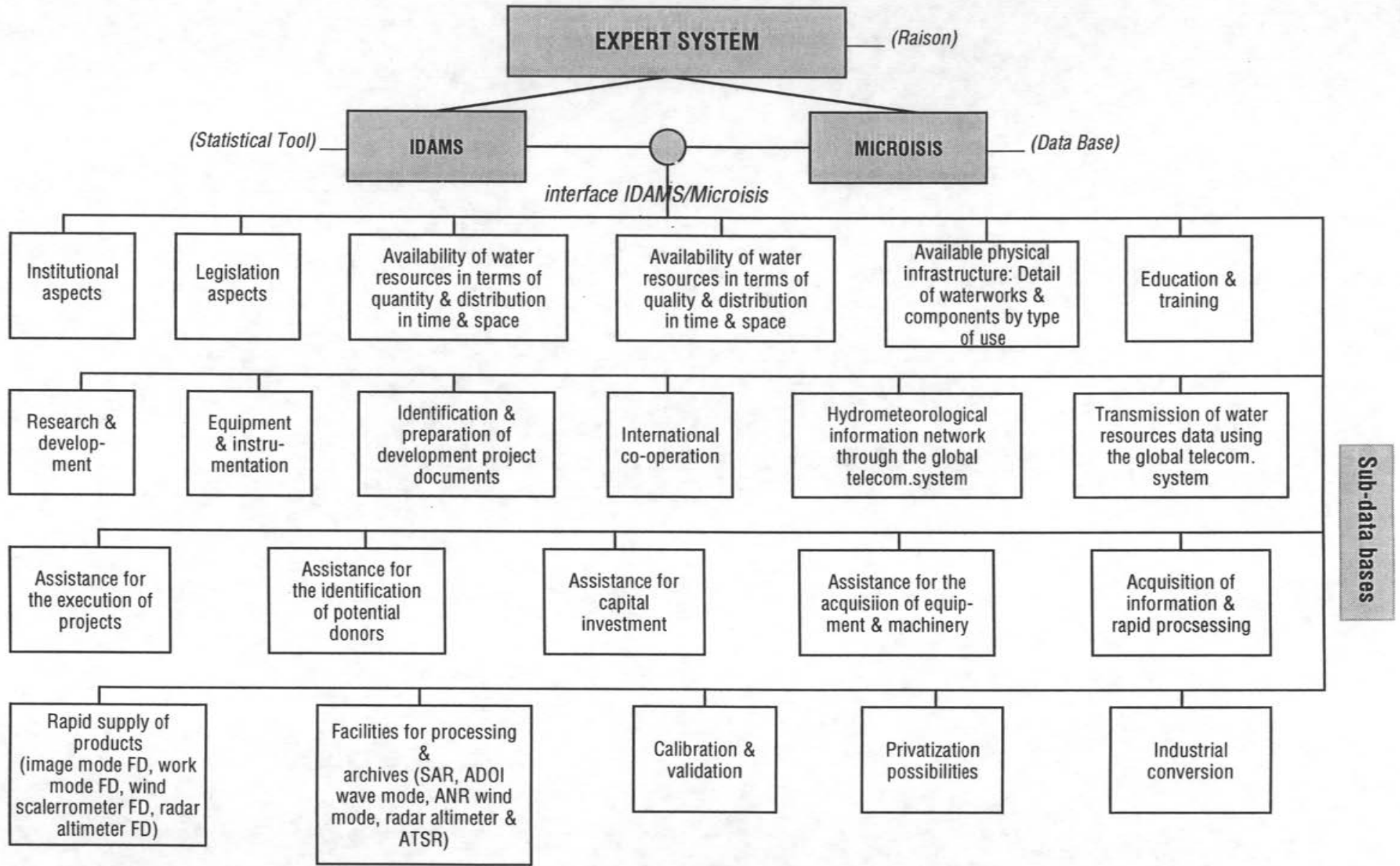
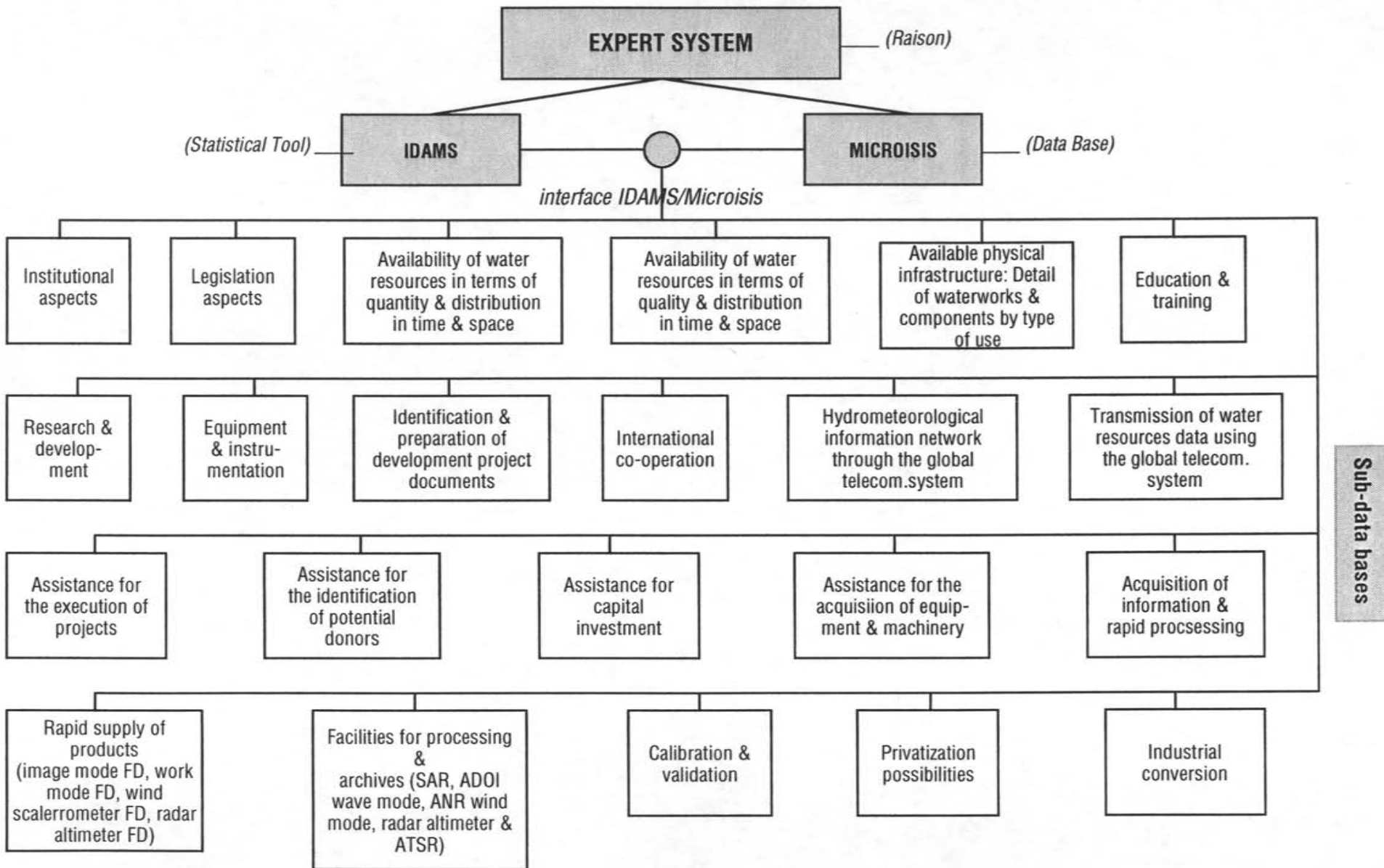


LACHYCOS





Problems of Collection and Quality

- ⇒ **Irregular, unsystematic collection**
- ⇒ **Little or no compilation & distribution of data**
- ⇒ **Inconsistent standards of measurement**
- ⇒ **Absence of uniform standards for international units of measurement**
- ⇒ **Imprecise, divergent terminologies and definitions**
- ⇒ **Widely varying skills & experience among data collectors**
- ⇒ **Ulterior motives of authorities who control data**
- ⇒ **Ideological and political uses of data**

Types of Data

⇒ **Measured**

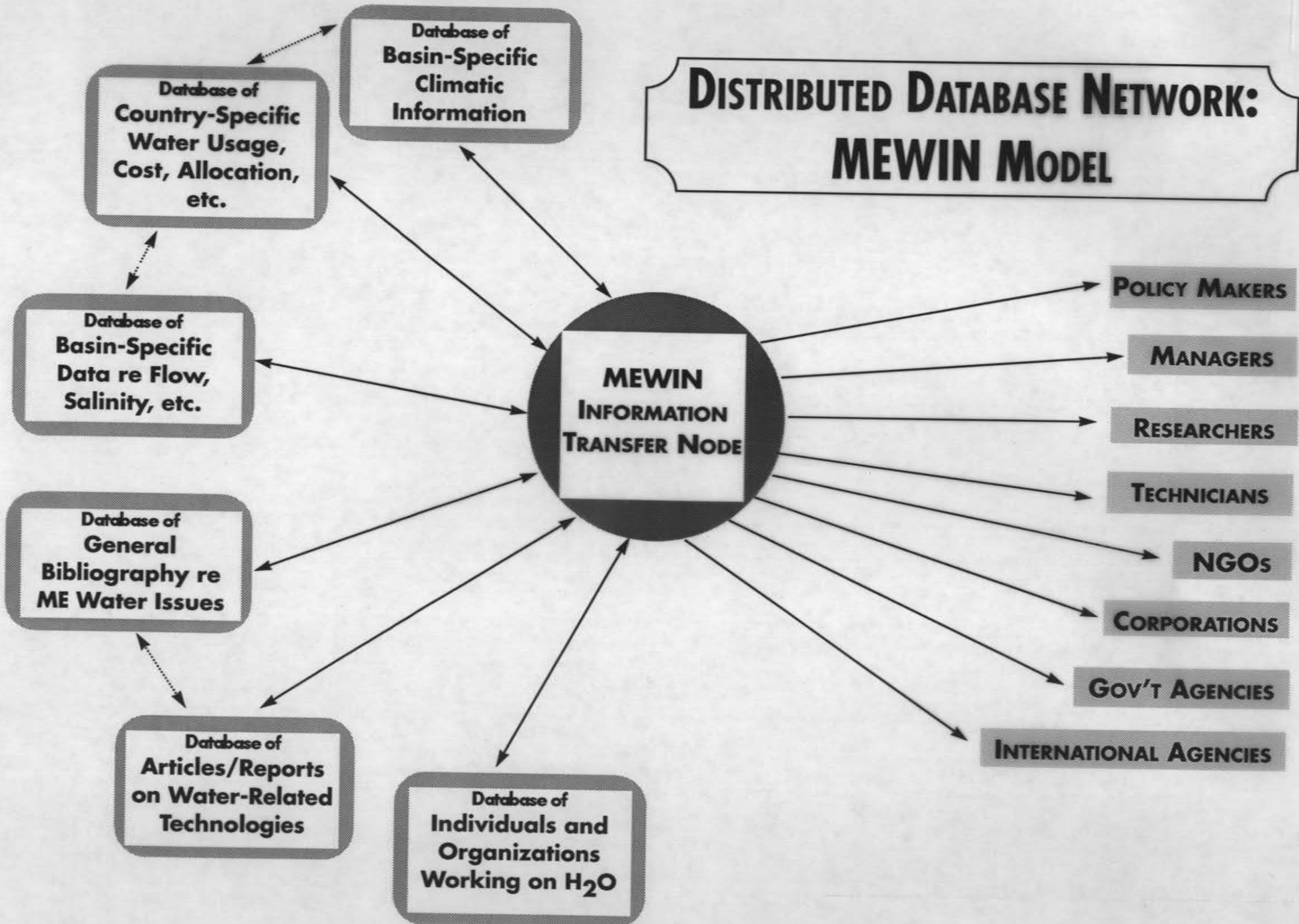
⇒ **Derived**

⇒ **Computed**

Limitations of Remote Data Gathering

- ⇒ **Remote sensing needs on-ground verification**
- ⇒ **Data platforms need cooperation of other riparians**

DISTRIBUTED DATABASE NETWORK: MEWIN MODEL



MITN Functions

- ⇒ **Standardize definitions**
- ⇒ **Coordinate the establishment of common fields**
- ⇒ **Index & abstract information**
- ⇒ **Process, meld, and redistribute information throughout network**
- ⇒ **Publish data in print & electronic form**
- ⇒ **Coordinate updating of system**
- ⇒ **Implement end-user rules made by network members**