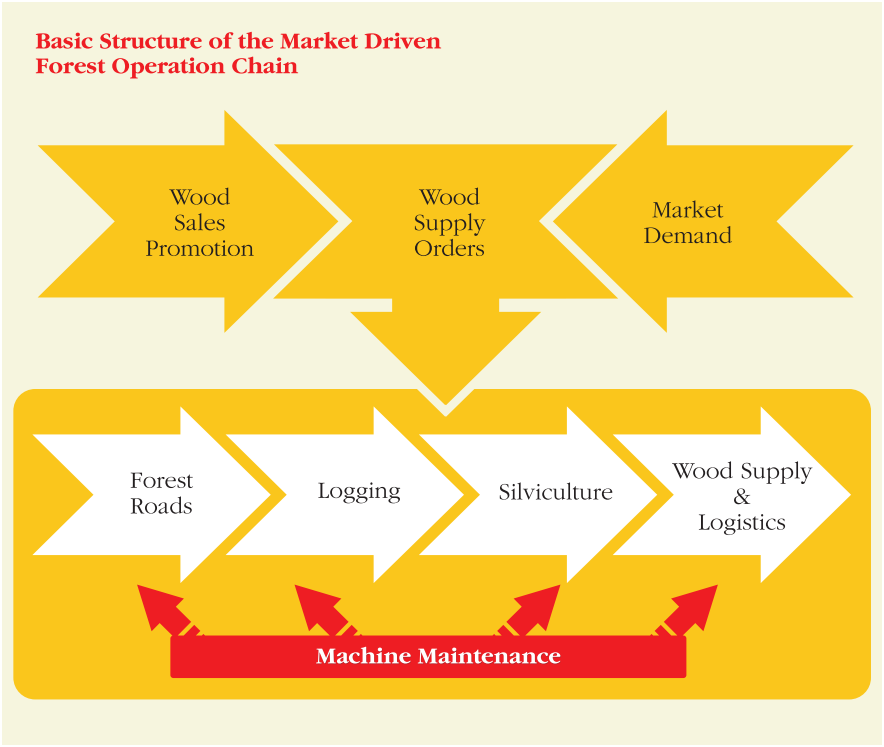

Figure 1. Outline model of market driven Forest Operation Chain (Wood Supply Chain)

1.2. Strategic focus in OPLWSO & AFRFRN

The joint OPLWSO & AFRFRN scheme handles knowledge from many disciplines as well as from best practices in advanced Forest and Road operations. A competence platform on relevant applied operating and steering systems has been established and the following two focus areas have been defined:

- FRAP: Forest and Road Accessibility Planning and Design System;
- FOPC: Forest Operation Planning and Control System.

The principles for the system design of FOPC & FRAP with their roots in theory and best practices are outlined below in Figure 2.

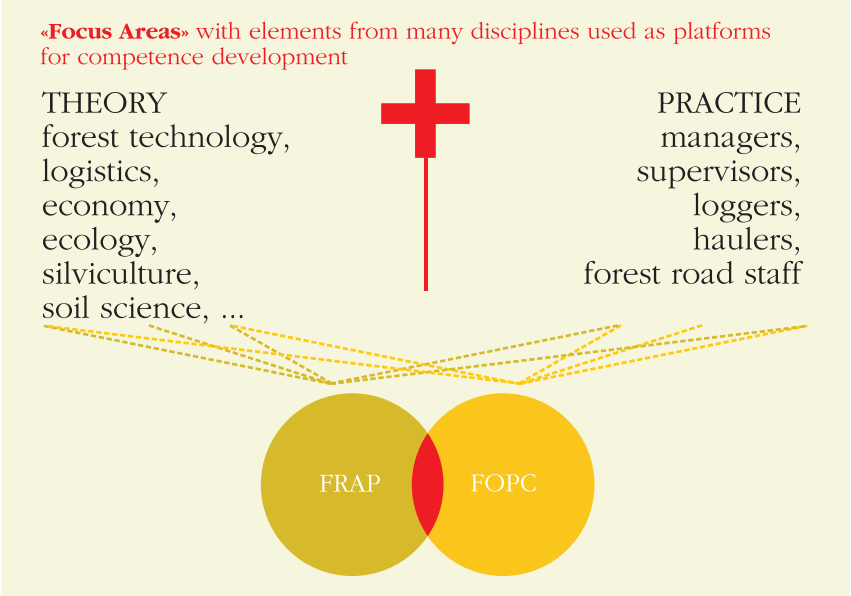

Figure 2. Focus areas FOPC & FRAP based on competence from Theory and Best practices with a significant joint field of competence

FOPC and FRAP include design and specifications of both the operating systems and the business steering systems to improve and safeguard the operational efficiency in the Forest Enterprise. The planning and control routines provide analysis and feed-back for step-wise decision making at different levels and time horizons as follows.

Decision level	Time horizon
• Strategic investments in Forestry and Main Roads	10–25 years
• Tactical and Operational issues for Forest and Road Operations:	
Long Term	5–10 years
Medium Term	1–5 years
Short Term	1 week – 1 year

FOPC and FRAP have been designed with close and logical connections to a number of key steering systems in the Forest Business including Standards for Sustainable Forest Management (SFM), Budgeting and Business

Administration and Control. Principles for the steering (planning and control) system of the Forest Operation Chain are briefly outlined in Figure 3.

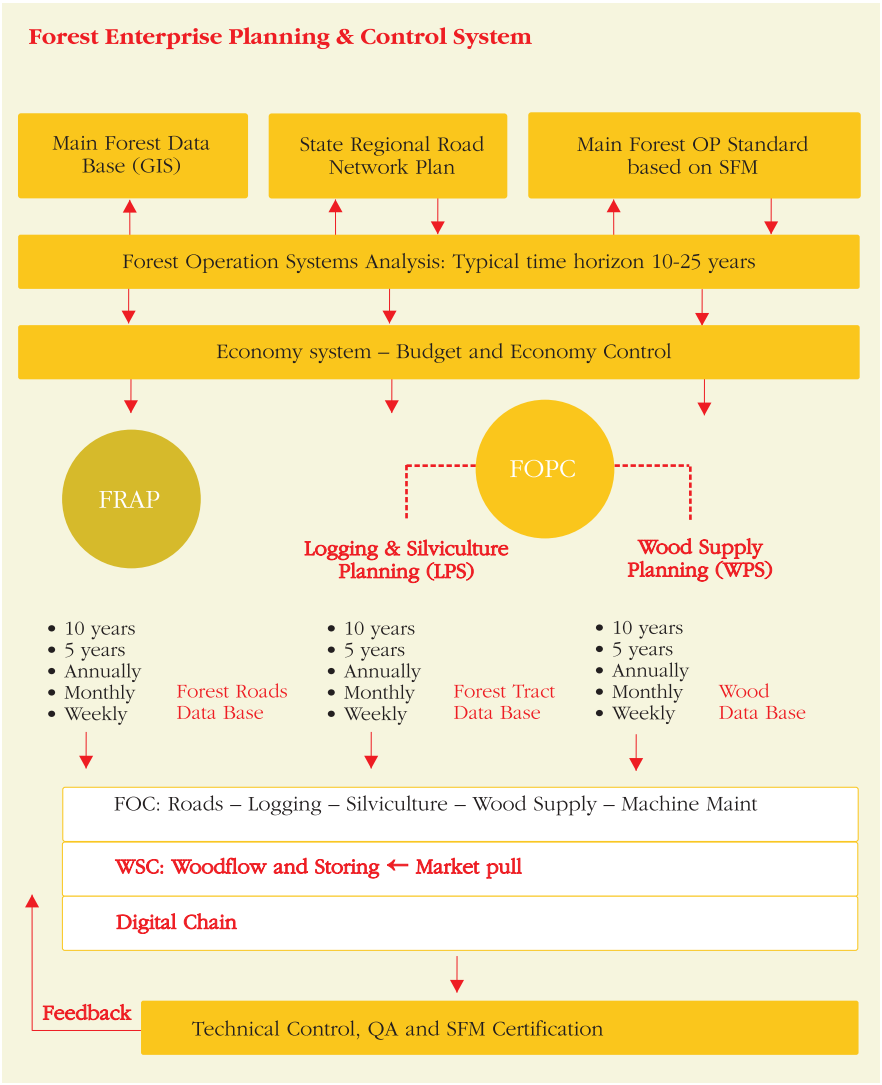

Figure 3. Outline graph on boundaries, data bases and processes in the steering system of FOPC & FRAP