



# Decision-making in Forest Management Planning

The role of models

Legacy Trust Modelling Workshop, May 2005

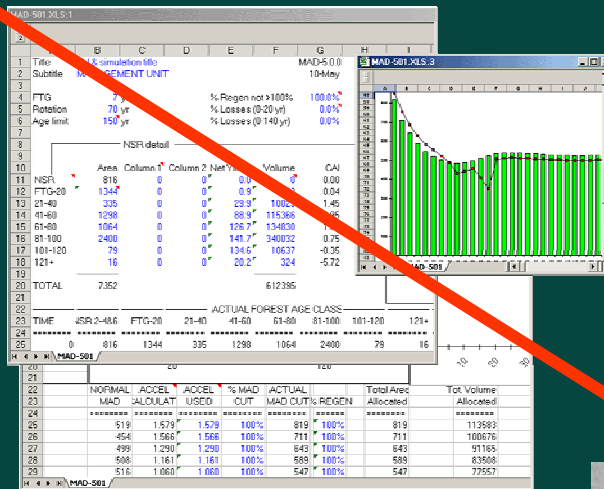


people

It's about <sup>^</sup>making decisions

# We've Come A Long Way ...

Main Office Approach



Let's All  
Analyse

Specialization  
& Copyright



# We've Come A Long Way ...

Manual AAC Formula

↳ Computerized AAC

↳ Forest Level Model

↳ Whole Forest "Suite"

Operations

Allowances

Strategies

Objectives



# Software Tools to Aid Planning

## 1. Describe the forest:

→ inventory, yield

Daunting!

## 2. Define objectives:

→ Habitat, landscape, cultural heritage

## 3. Examine options and trade-offs

## 4. Validate management strategy:

→ Socio-economics,

→ disturbance & landscape pattern,

→ marten core areas

# Some Reasons for Success

- Collaboration & trust with users
- Develop, test and share before use in FMP
- Concerted mandate & effort
- Address known, stable issues
- Passionate, empowered, equipped users

# Potential Pitfalls

- Failure to communicate
- Complexity without understanding
- Outstripping our inventory
- Models for directions, not insight
  - “Get beyond the numbers”
- Inferring too much knowledge
- Hype

# What is a FMP “model”?

The harmonized integration of all tools that represent the management situation to support decision-making

It's not so much a “tool” as it is a “Workshop”



# Risks of a Wrong Decision

Unhealthy  
Resource

Lost Opportunity

