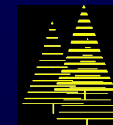


# **Wood Raw Material Consumption on the Rise Despite Weak Global Economy**

**UNECE Timber Committee Meeting  
October 7-8, 2003  
Geneva, Switzerland**

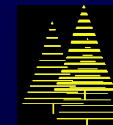
**Håkan Ekström  
Wood Resources International**



**Wood Resources  
International**

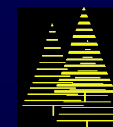
# Outline

- **Roundwood Removals**
- **Roundwood Consumption**
- **Raw Material Trade**
- **Sawlog & Pulpwood Costs**



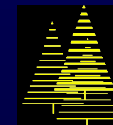
# **Roundwood Removals**

- Industrial wood**
- Fuel wood**

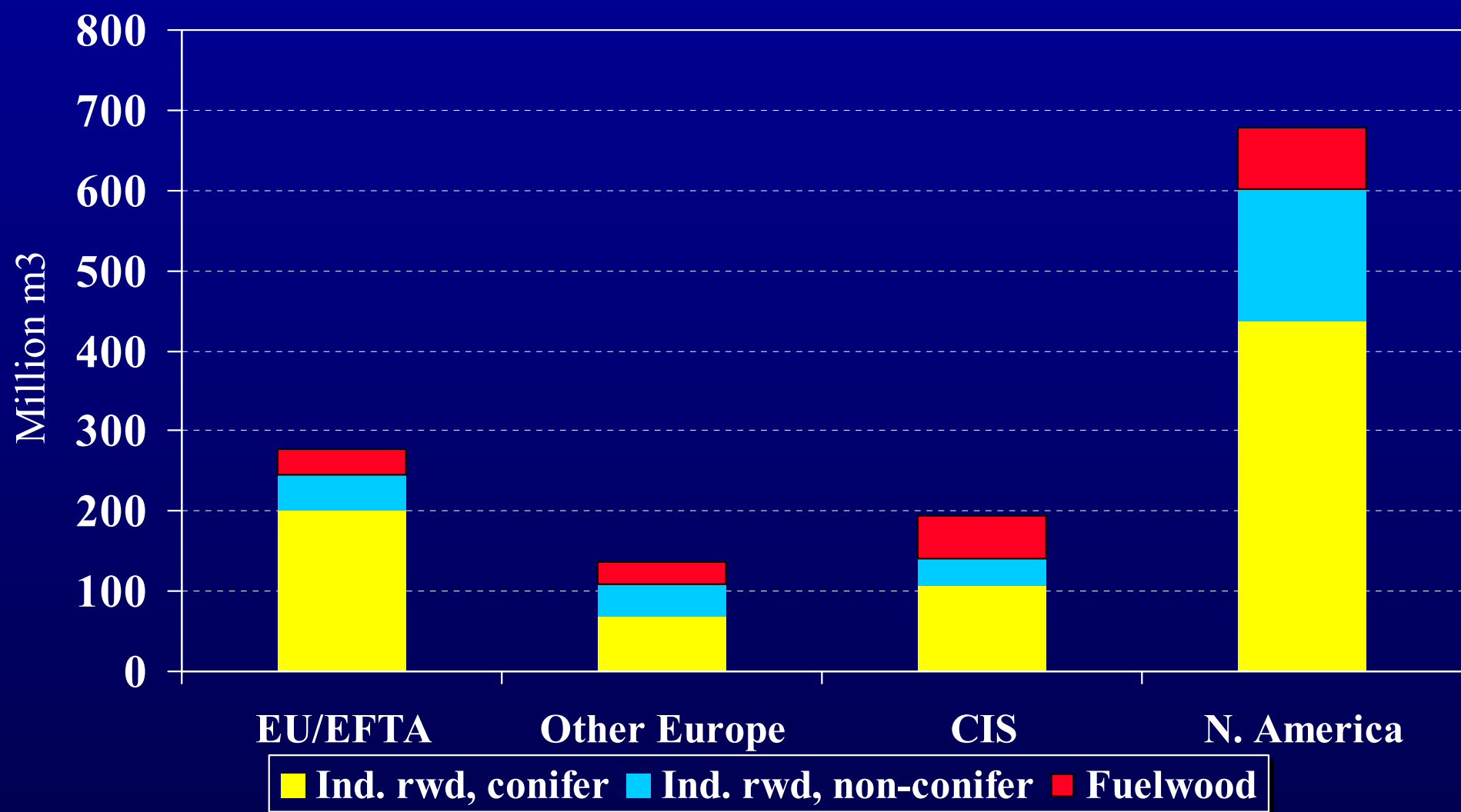


# Roundwood Removals in 2002

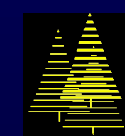
	<b>Total</b> <b>(million m3)</b>	<b>Industrial</b> <b>(%)</b>	<b>Conifer</b> <b>(%)</b>
<b>EU/EFTA</b>	<b>278</b>	<b>88</b>	<b>82</b>
<b>Other Europe</b>	<b>135</b>	<b>81</b>	<b>63</b>
<b>CIS</b>	<b>194</b>	<b>72</b>	<b>76</b>
<b>North America</b>	<b>678</b>	<b>89</b>	<b>73</b>



# Roundwood Removals in the UNECE in 2002

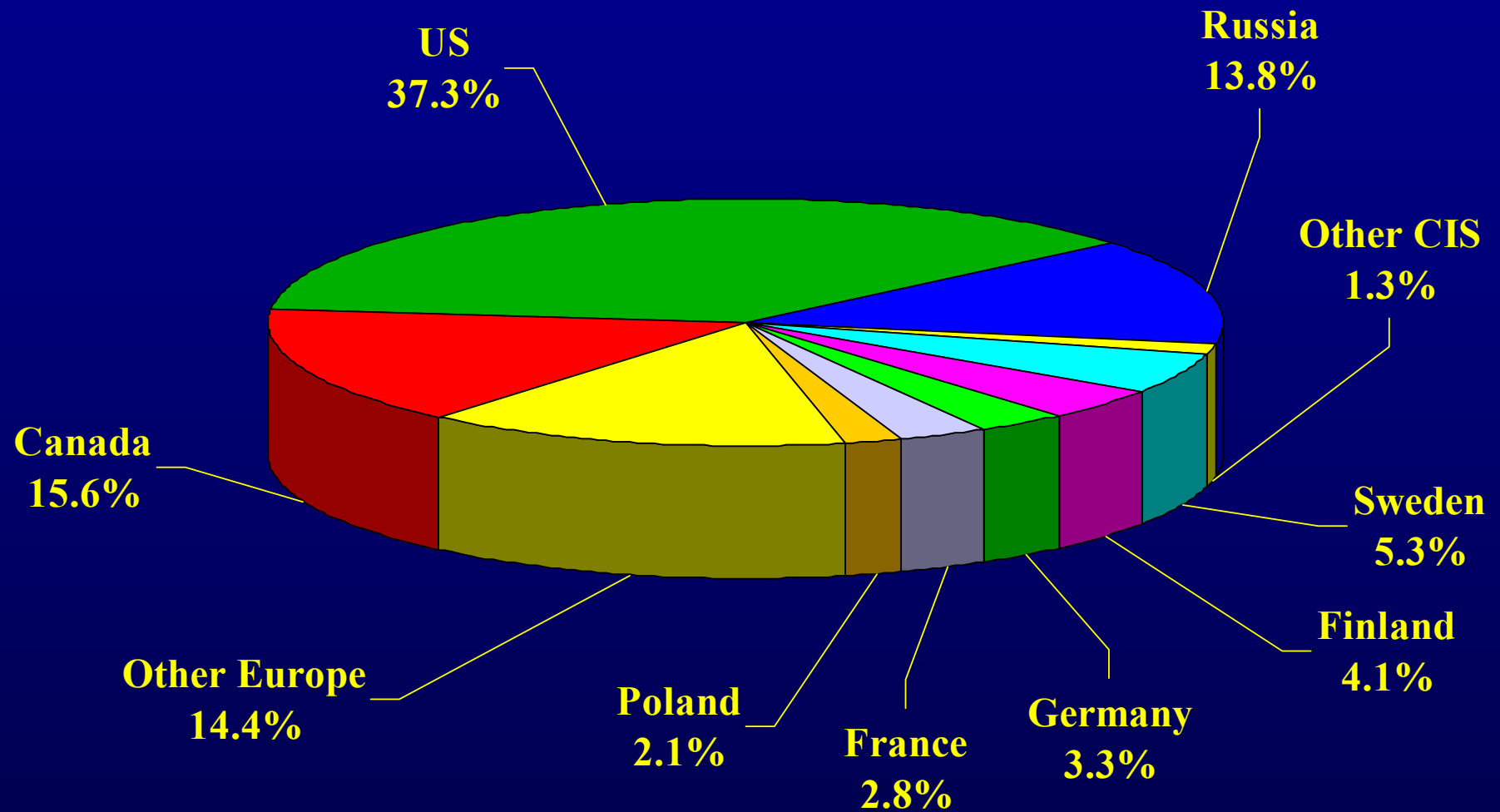


Source: UNECE/FAO

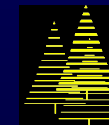


Wood Resources  
International

# Roundwood Removals in the UNECE 2002

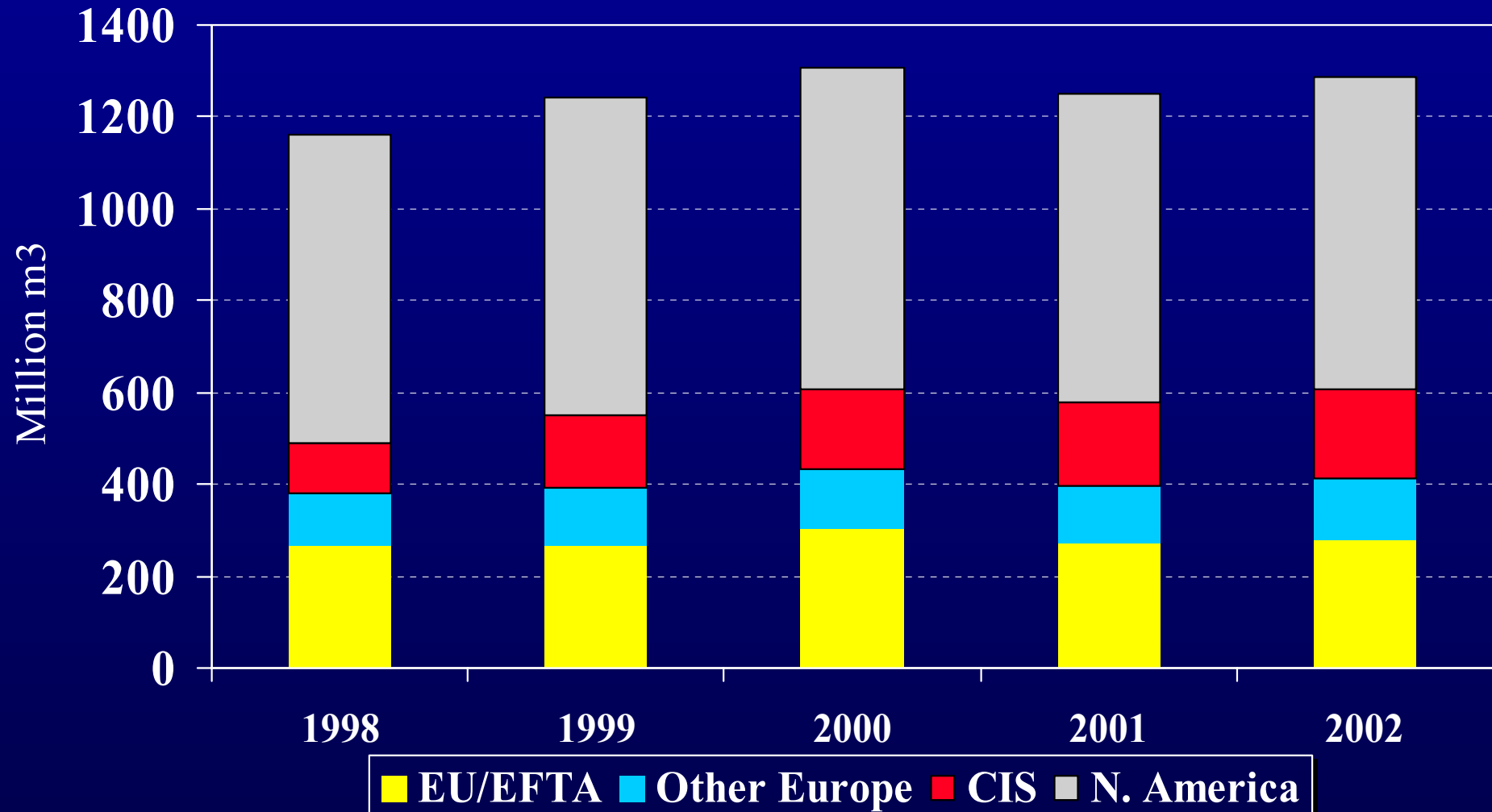


Source: UNECE/FAO

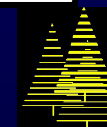


Wood Resources  
International

# Roundwood Removals in the UNECE

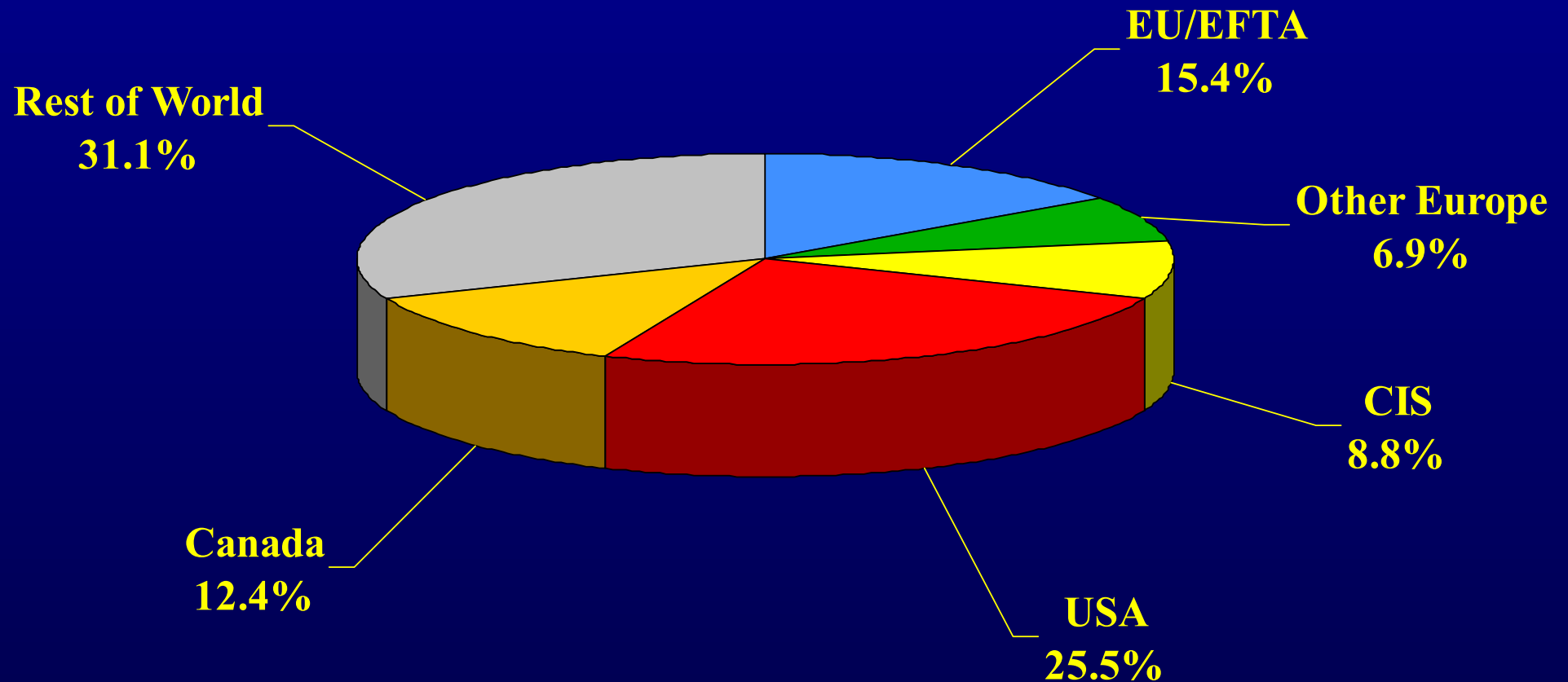


Source: UNECE/FAO

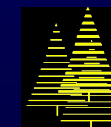


Wood Resources  
International

# Global Industrial Roundwood Production in 2002



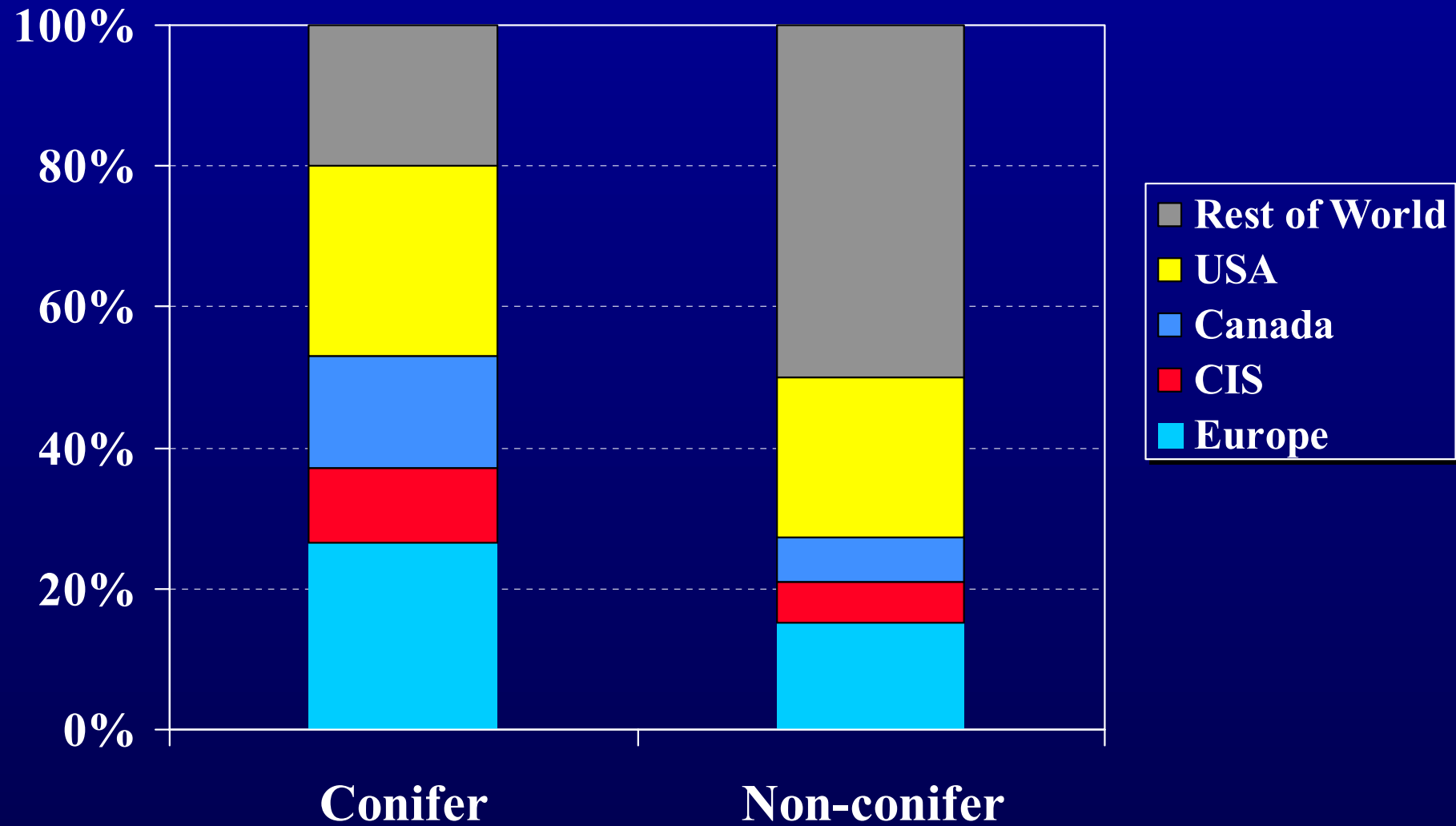
Source: UNECE/FAO



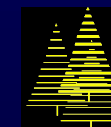
Wood Resources  
International



# Global Industrial Roundwood Production in 2002

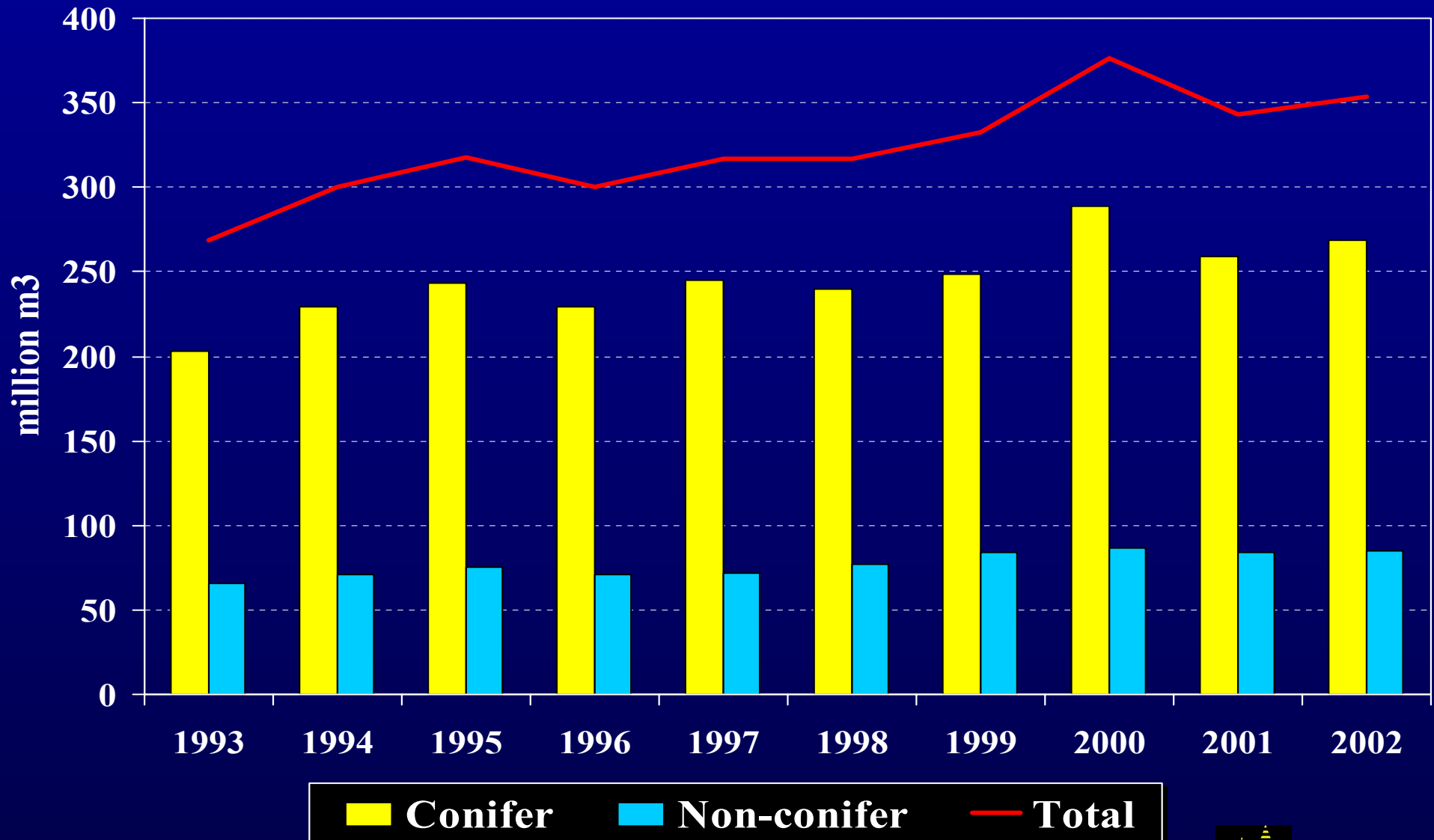


Source: UNECE/FAO

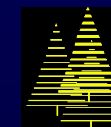


Wood Resources  
International

# Industrial Roundwood Removals - Europe

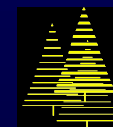


Source: UNECE/FAO



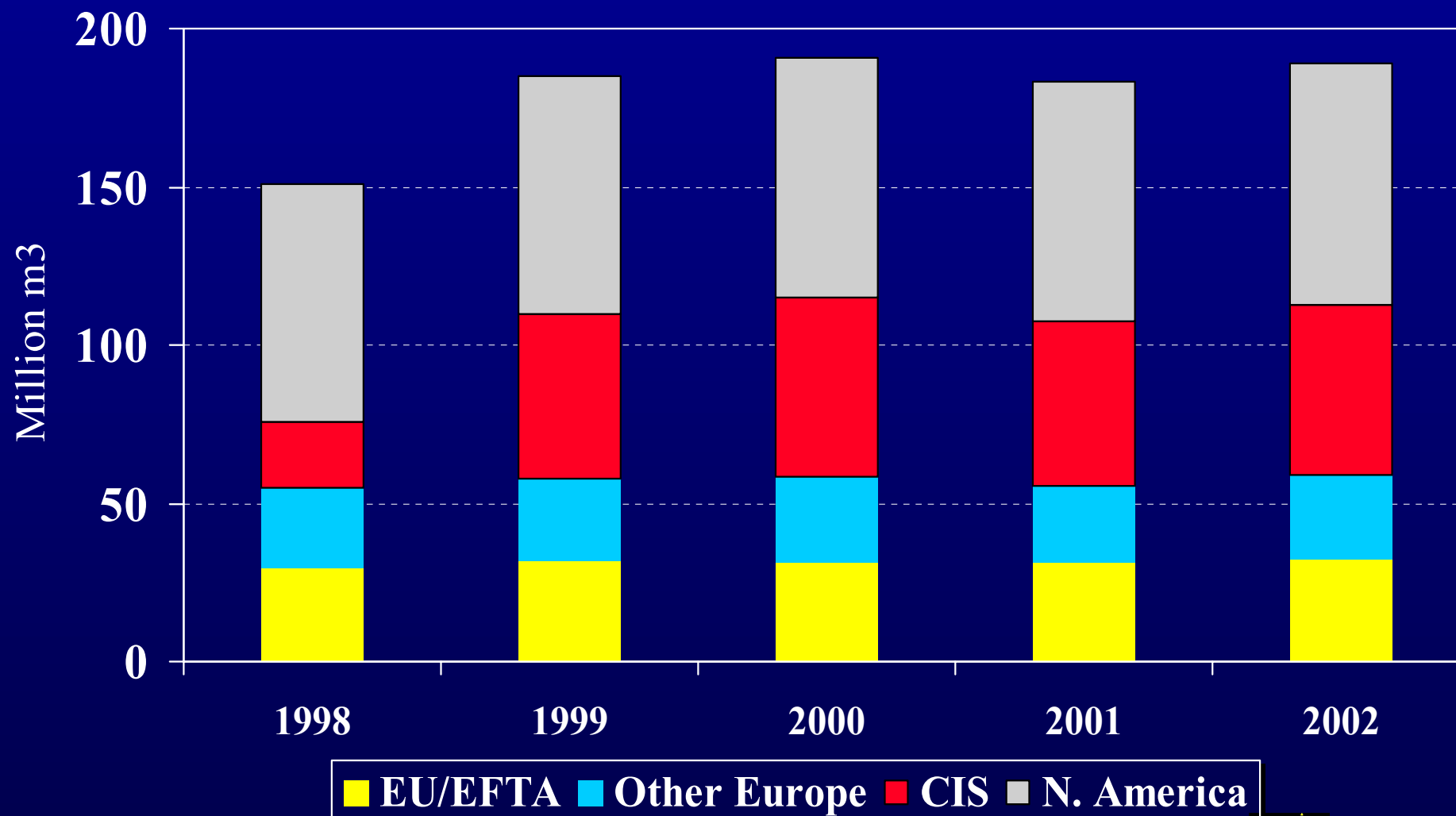
Wood Resources  
International

# Fuel Wood Removals and Consumption

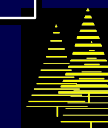


Wood Resources  
International

# Wood Fuel Removals in the UNECE

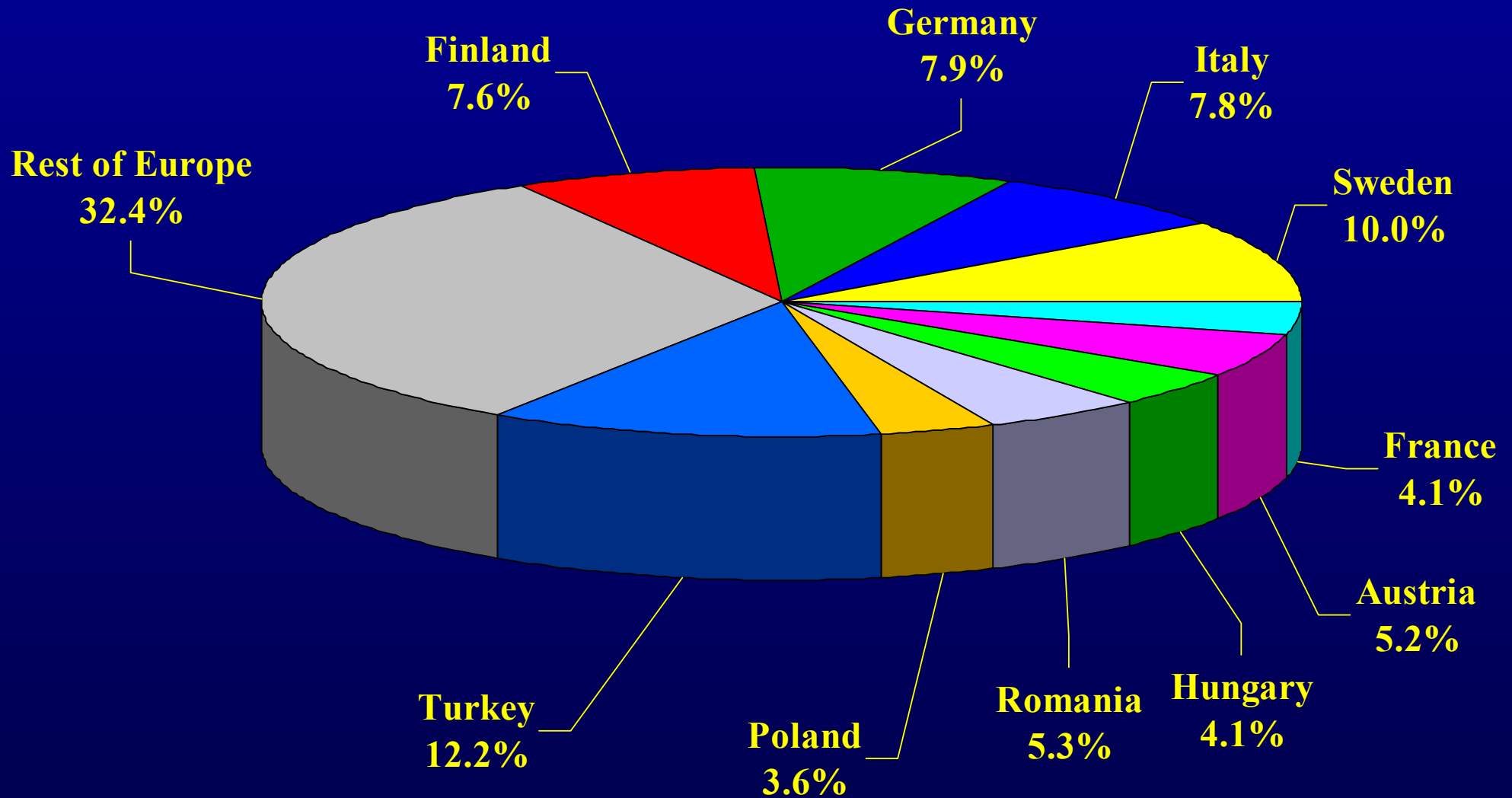


Source: UNECE/FAO

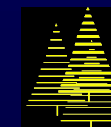


Wood Resources  
International

# Wood Fuel Removals in Europe 2002

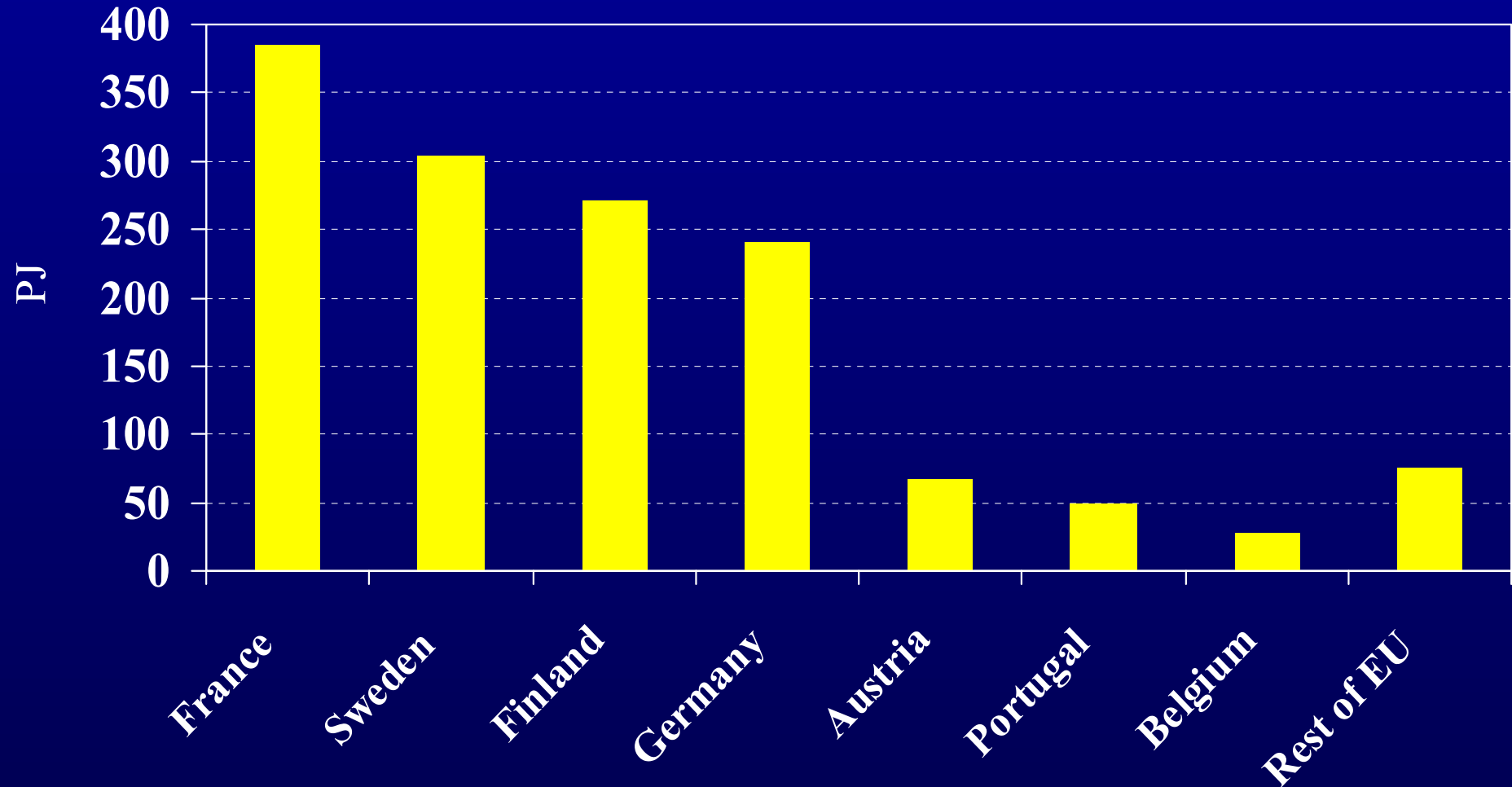


Source: UNECE/FAO

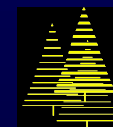


Wood Resources  
International

# Production of energy from wood fuels in 2000

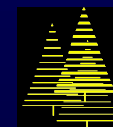


Source: EUBIONET



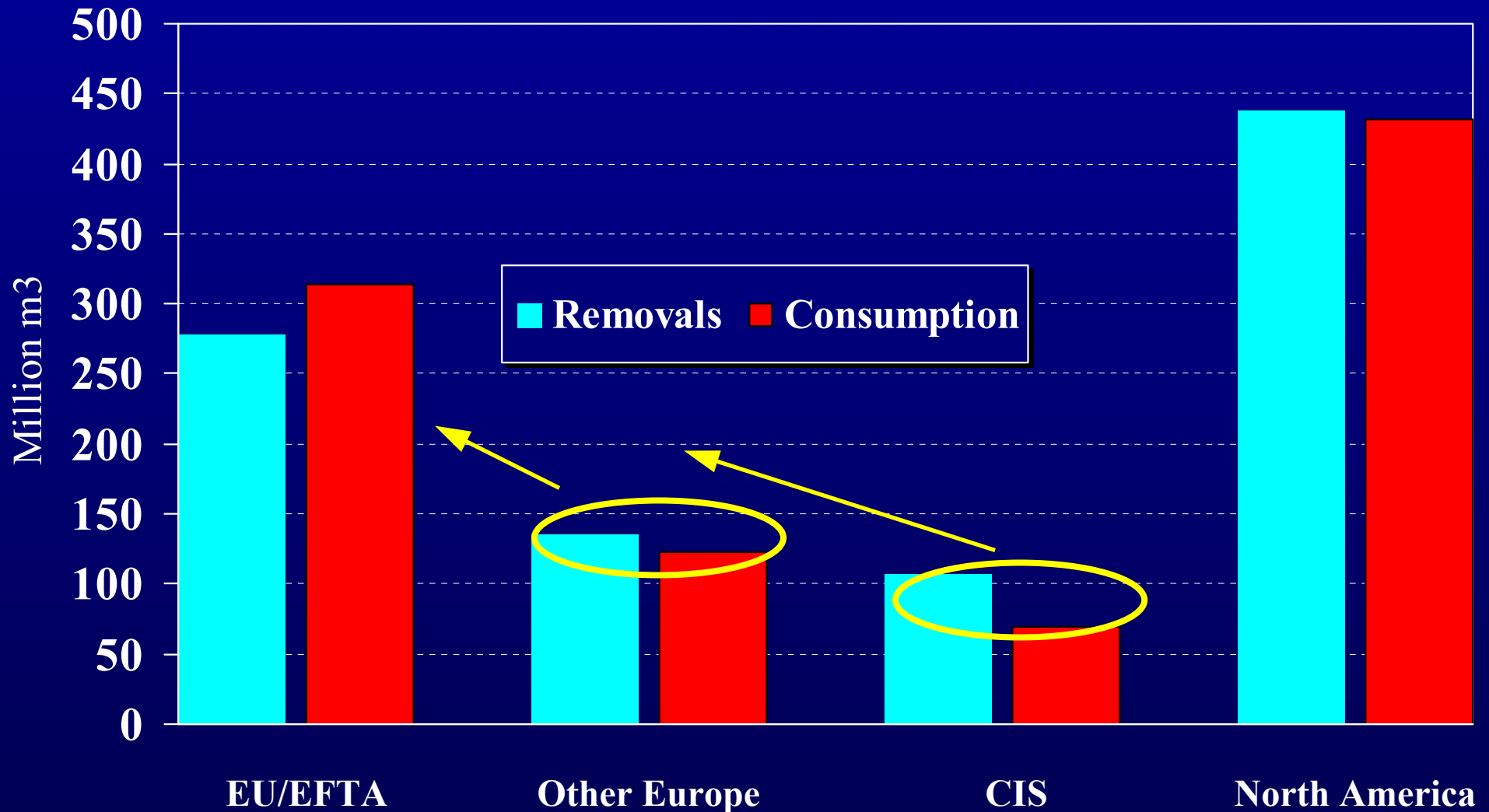
Wood Resources  
International

# Roundwood Consumption

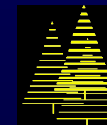


Wood Resources  
International

## Roundwood Balance in the UNECE in 2002



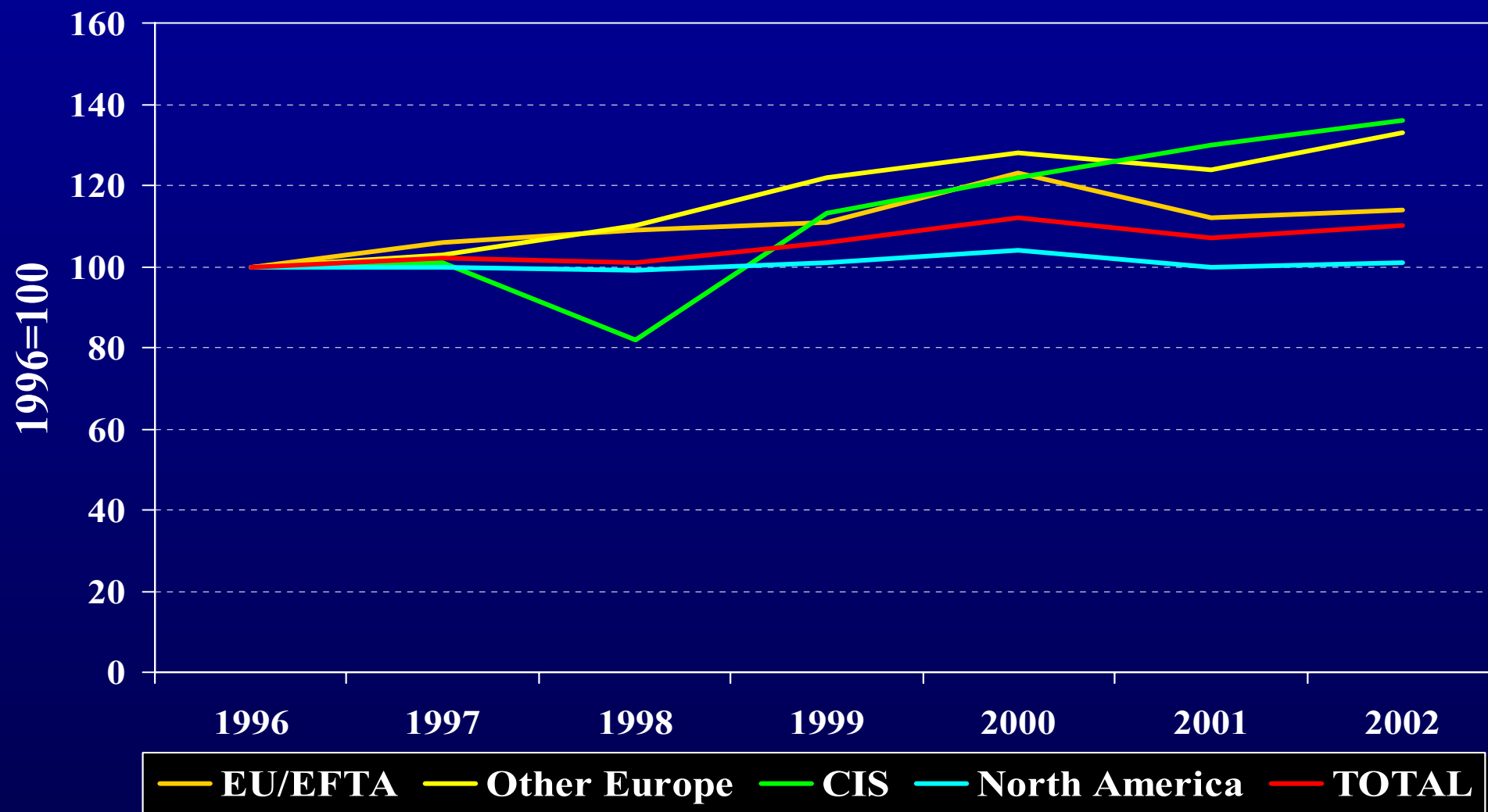
Source: UNECE/FAO



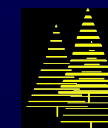
Wood Resources  
International



# Roundwood Consumption in the UNECE Region



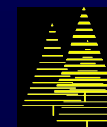
Source: UNECE/FAO



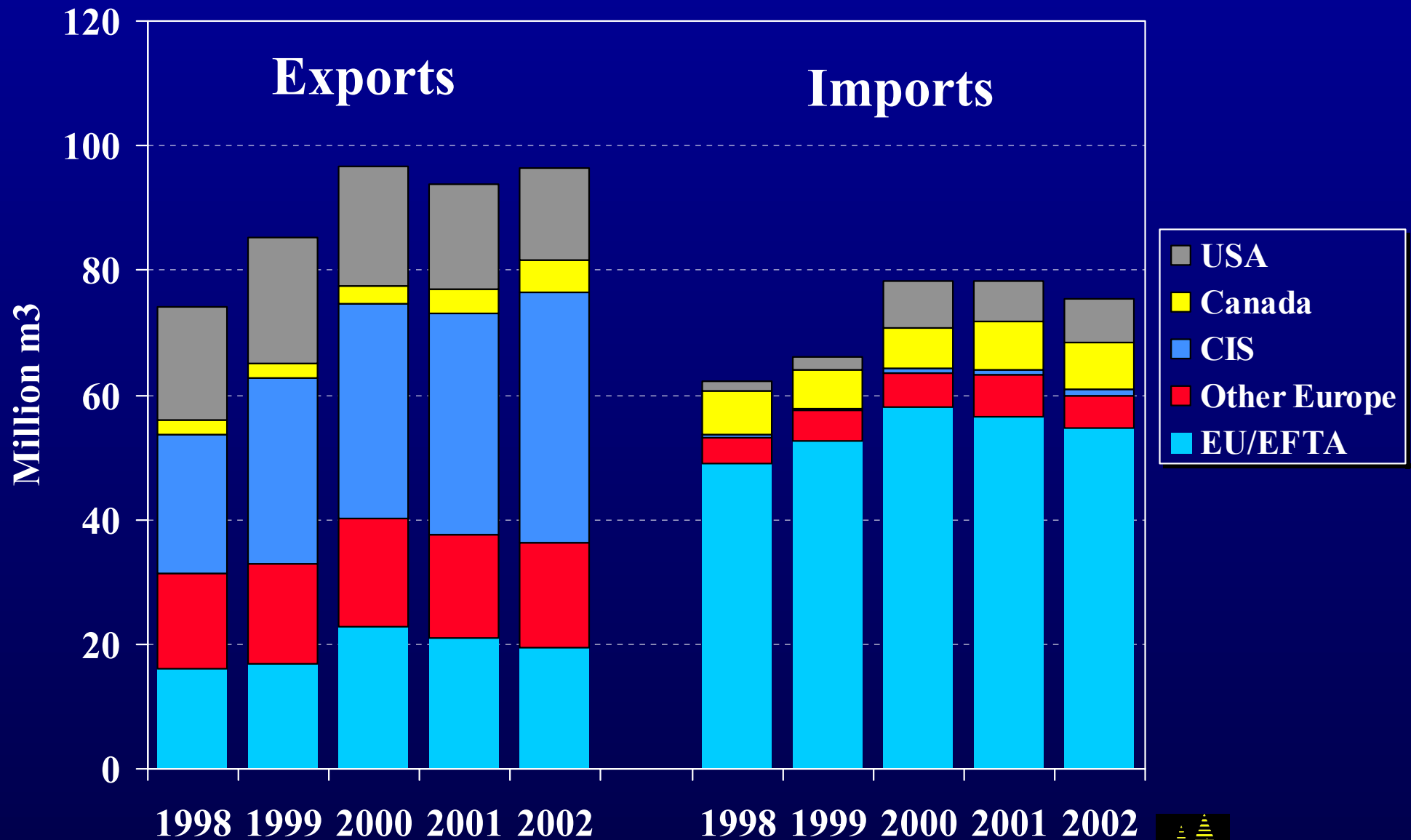
Wood Resources  
International

# **Wood raw material trade**

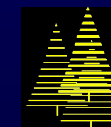
- Roundwood**
- Wood chips**



# Roundwood Trade in the UNECE

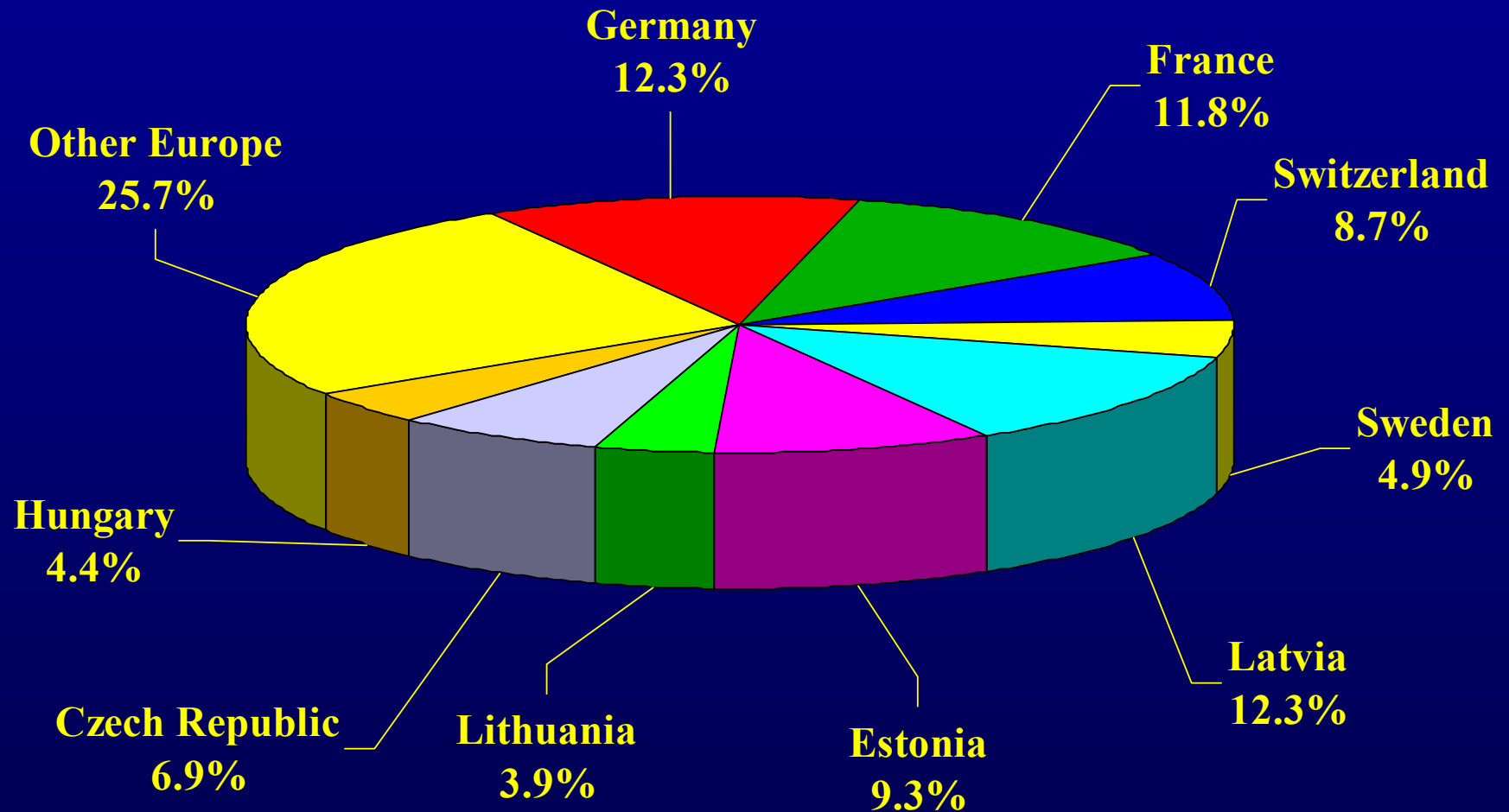


Source: UNECE/FAO

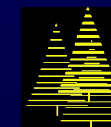


Wood Resources  
International

# Roundwood Exports in Europe 2002

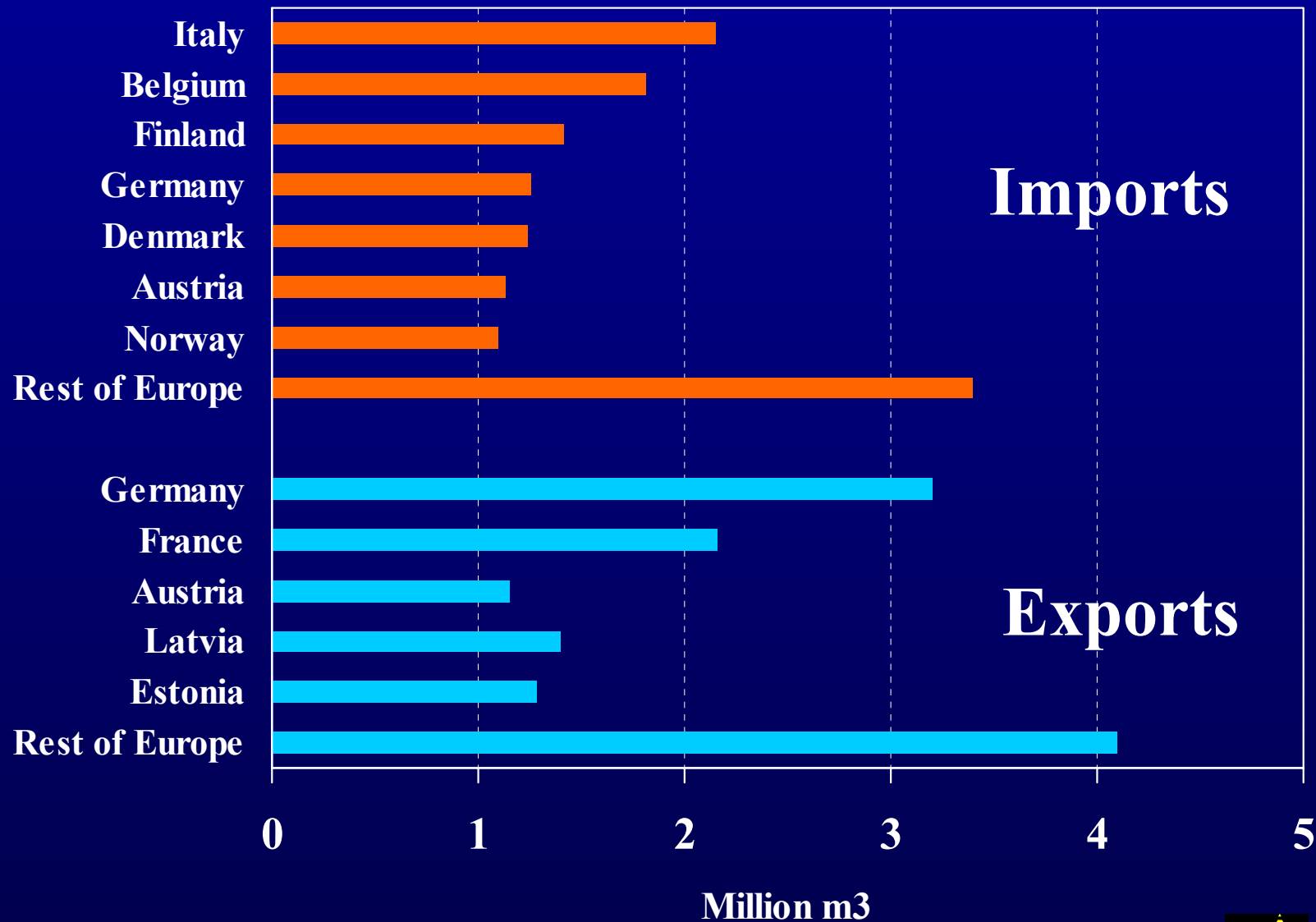


Source: UNECE/FAO

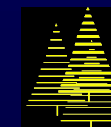


Wood Resources  
International

# Wood Chip Trade in Europe in 2002



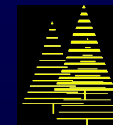
Source: UNECE/FAO



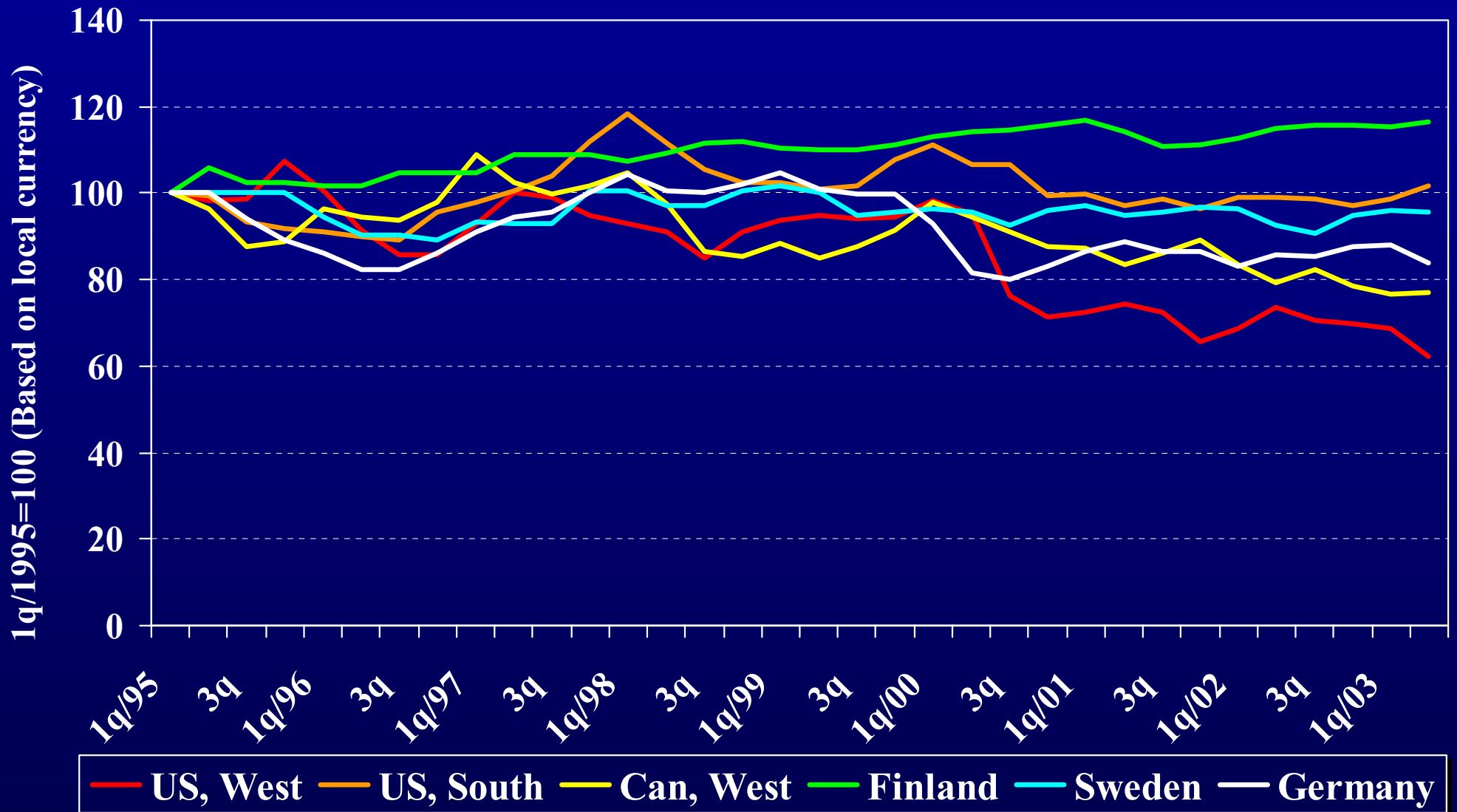
Wood Resources  
International

## **Raw material costs**

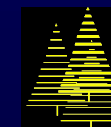
- Sawlogs**
- Pulplogs**
- Residual chips**



# Conifer Sawlog Price Index 1995-2003

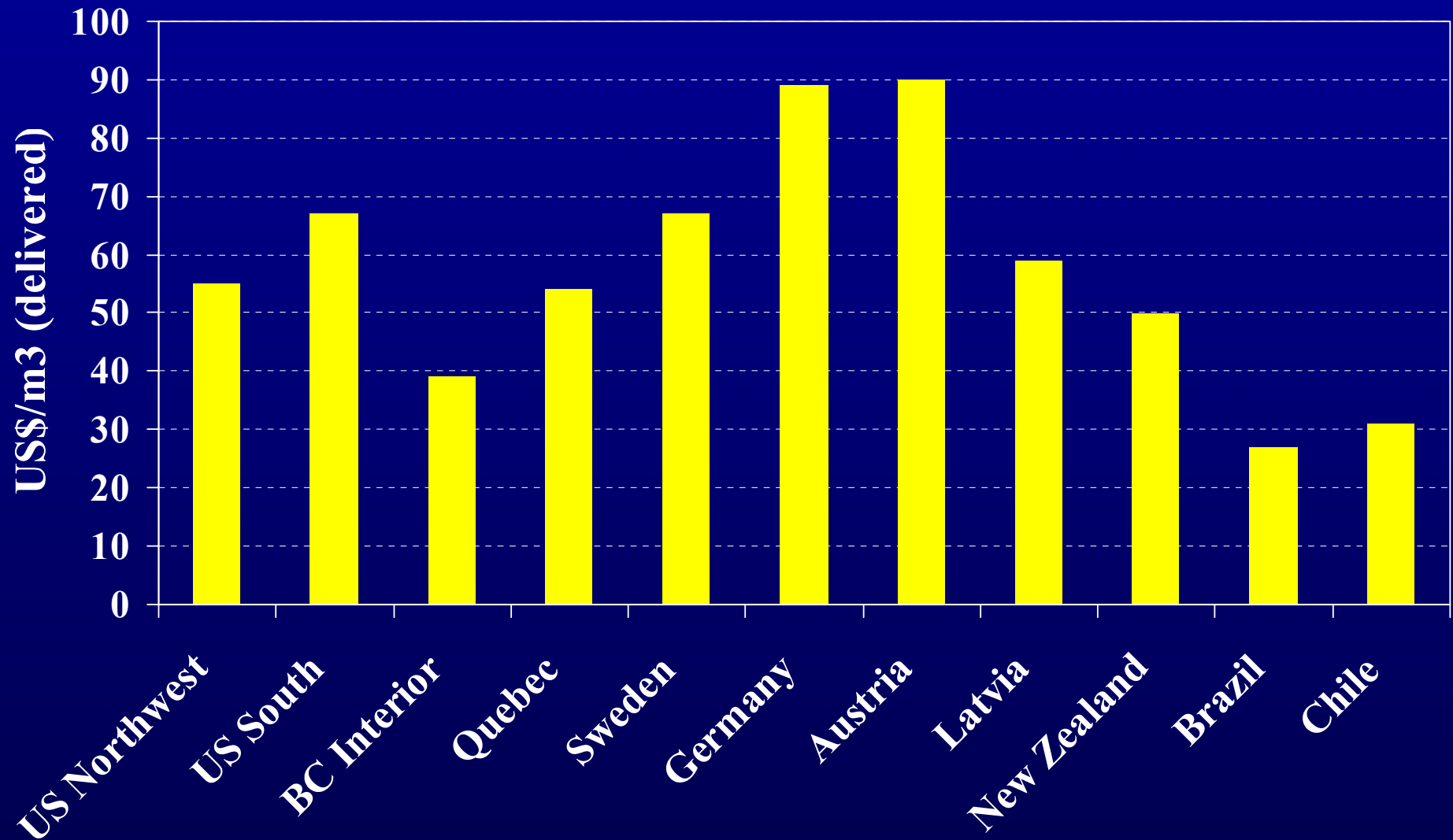


Source: Wood Resource Quarterly (WRI)

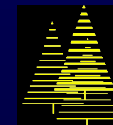


Wood Resources  
International

# Conifer Sawlog Cost in 2q/2003



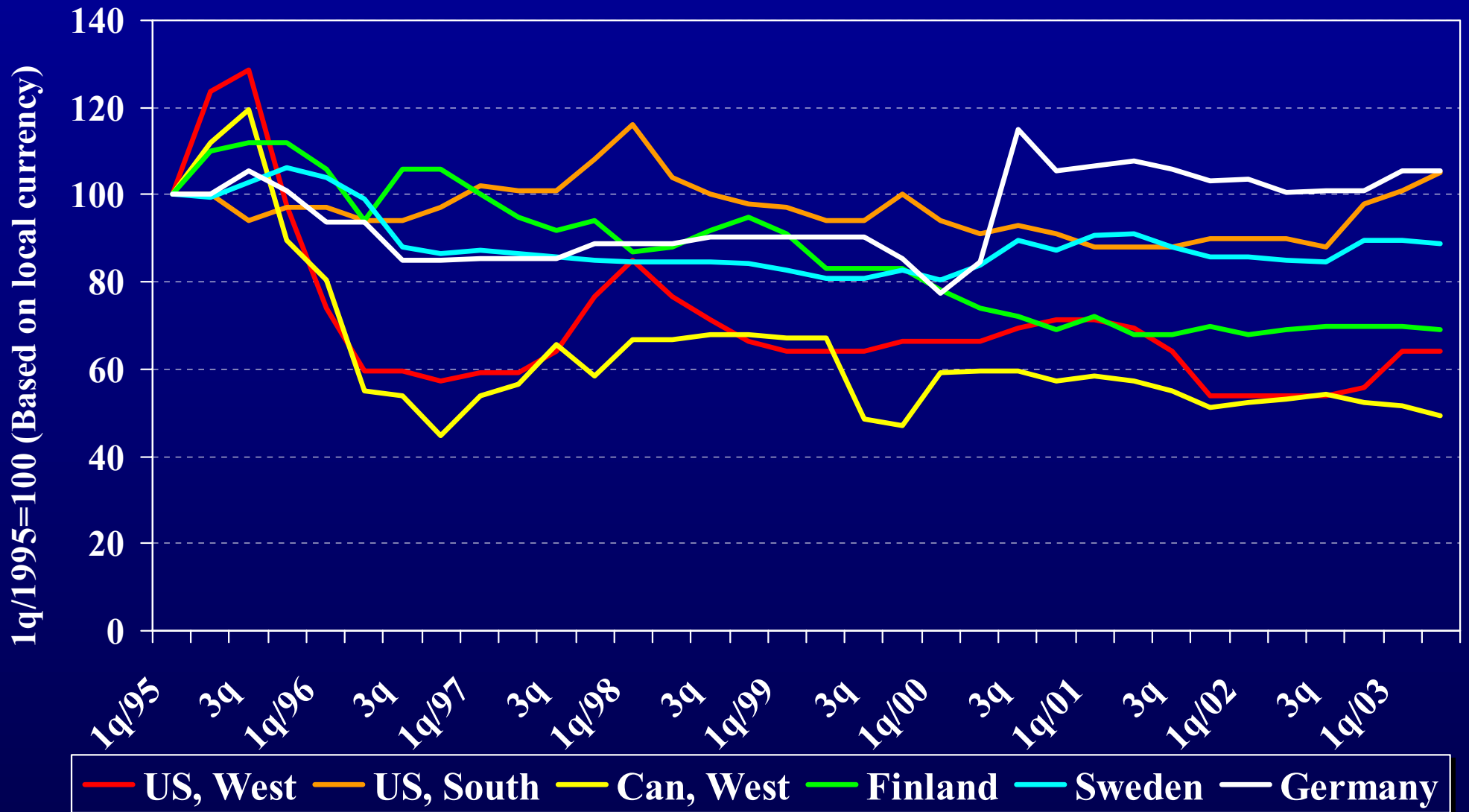
Source: Wood Resource Quarterly (WRI)



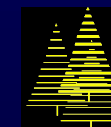
Wood Resources  
International



# Conifer Pulplog Price Index 1995-2003

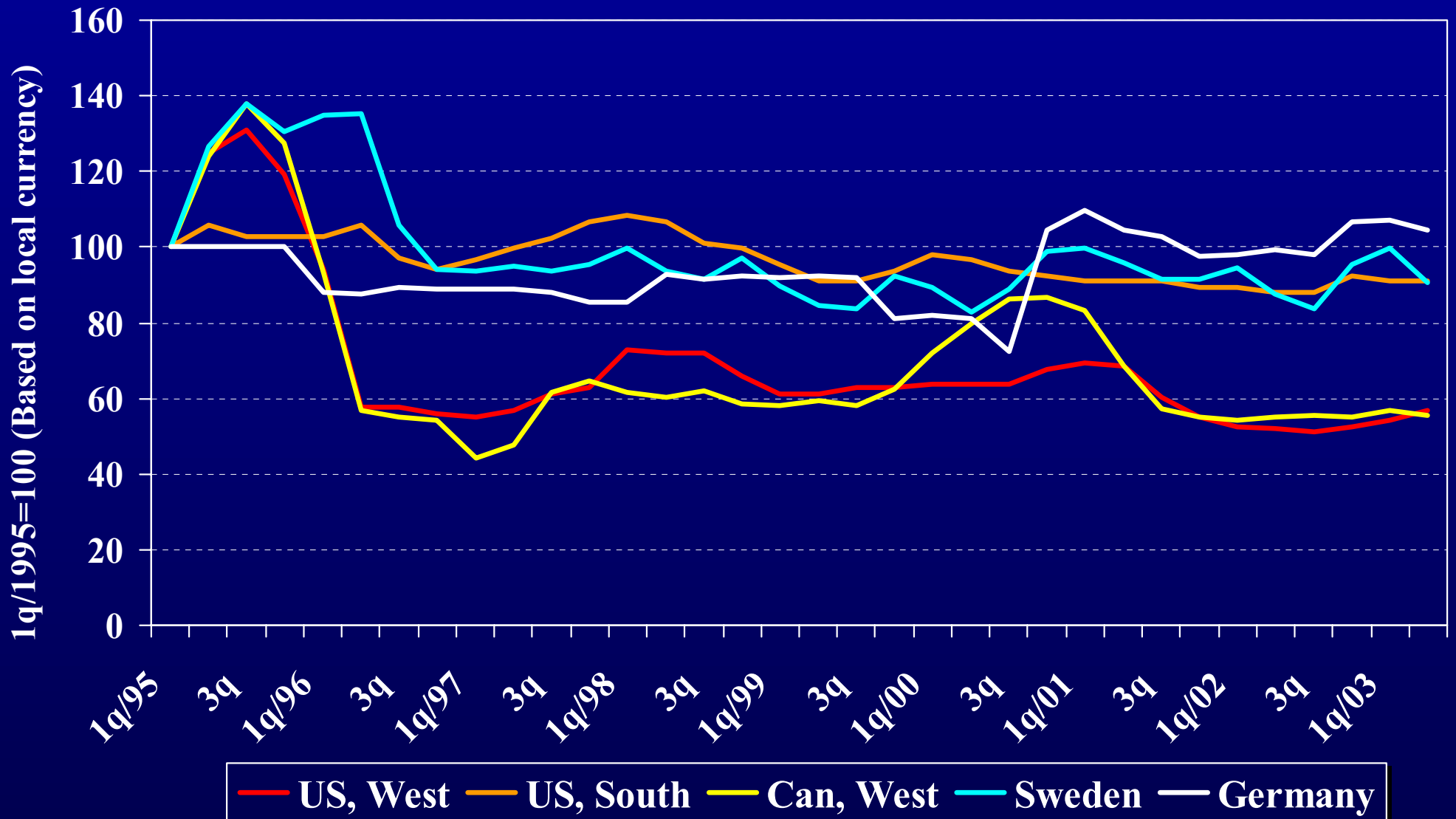


Source: Wood Resource Quarterly (WRI)

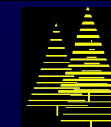


Wood Resources  
International

# Conifer Wood Chip Price Index 1995-2003



Source: Wood Resource Quarterly (WRI)



Wood Resources  
International

## **In 2002:**

- **Total removals within UNECE were close to record levels.**
- **Roundwood removals increased substantially within the CIS and Other Europe.**
- **Almost 15 % of roundwood removals were used as fuel wood.**
- **Exports of roundwood from Russia were 14% higher than the previous year.**
- **Raw material costs for pulpmills and sawmills fell in many regions.**

