



D-Lab

Fall 2004

Manufacturing in Developing Countries

Special Considerations for Developing Countries

- Job Creation
- Resource Availability
- Scale
- Scope
- Replicability

Four Paradigms

- Manufactured locally
Assembled locally
Maintained locally
- Manufactured in urban centers
Assembled locally
Maintained locally
- Manufactured in urban centers
Assembled in urban centers
Maintained locally
- Manufactured in urban centers
Assembled in urban centers
Maintained in urban centers







Commonly Available Materials

- Corrugated tin roofing
- Car parts (suspension, wheels, etc.)
- Bicycle parts