



# **Smart Decisions for Sustainable and Green Development**

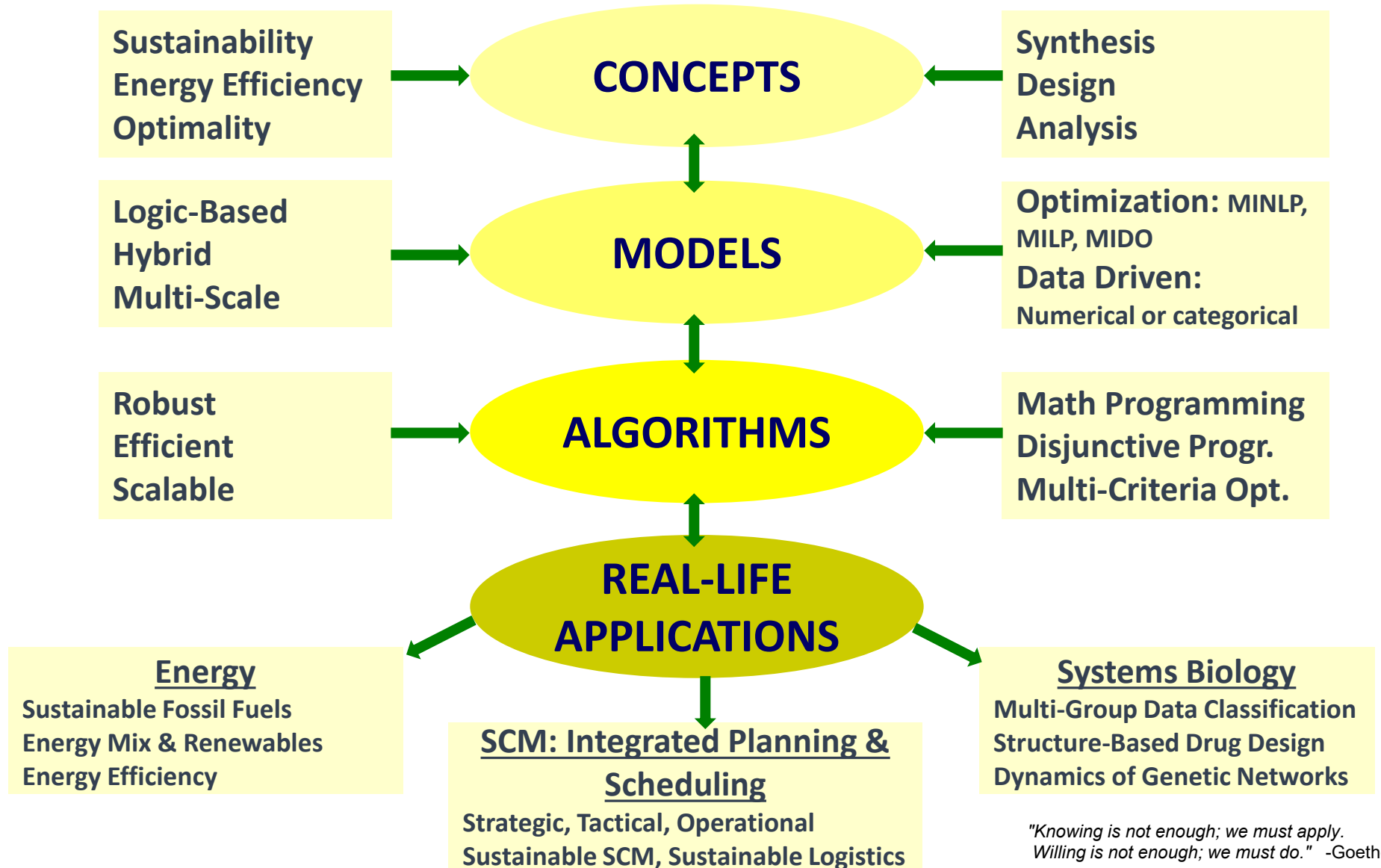
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İstanbul**

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# RESEARCH PHILOSOPHY

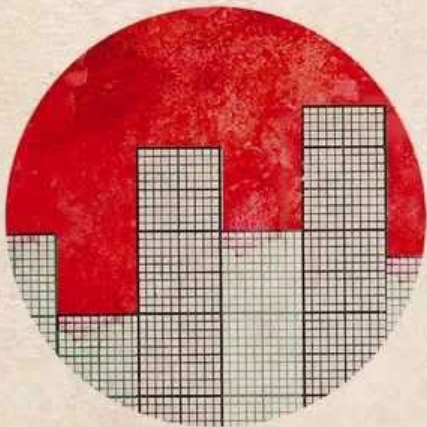


*"Knowing is not enough; we must apply.  
Willing is not enough; we must do." -Goethe*



# SUSTAINABLE AND GREEN DEVELOPMENT

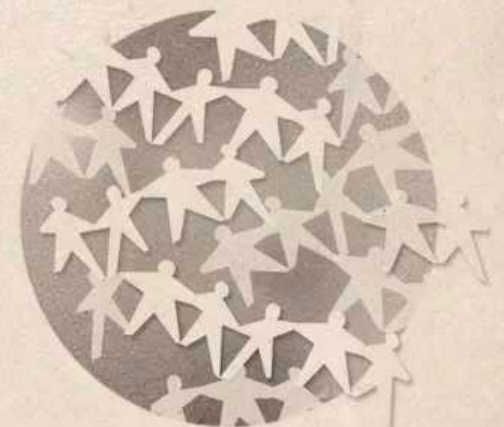
GREEN ECONOMY=



LOW CARBON  
GROWTH



RESOURCE  
EFFICIENCY



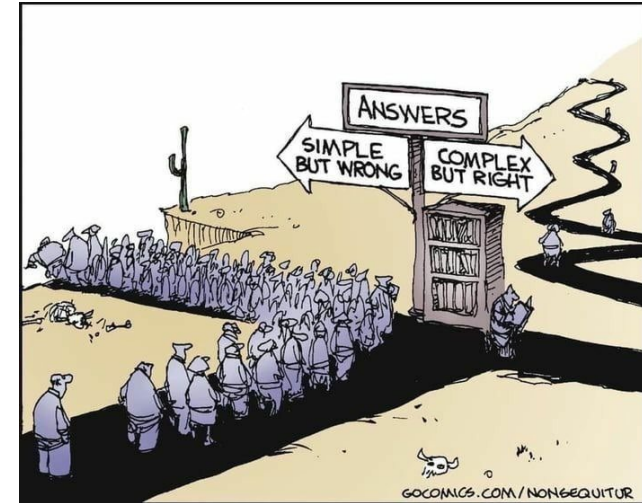
SOCIAL  
INCLUSIVITY

=SUSTAINABLE DEVELOPMENT?



# COMPLEXITY

- Complex
  - Multiple actors, echelons, functions, flows
- Reaction Time
  - Time to decide, Time to execute
- Performance
  - Financial, Environmental, Social





# SKILLS NEEDED

- **Analytical Skills**
  - ✓ Understanding of complex issues in modern supply chains
- **Data Science/Data Analytics Skills**
  - ✓ Understanding of basic methods of Prescriptive and Predictive analytics
  - ✓ Coding methods in Python
- **Optimization**
  - ✓ Mixed-Integer Programming models and algorithms
- **Applications**
  - ✓ Automotive, consumer goods, energy, green&sustainable mobility, agrifood



# CONTACT

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