

YIVA Engineering

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Business Activities

Engineering

Recycling

Renewable Energy

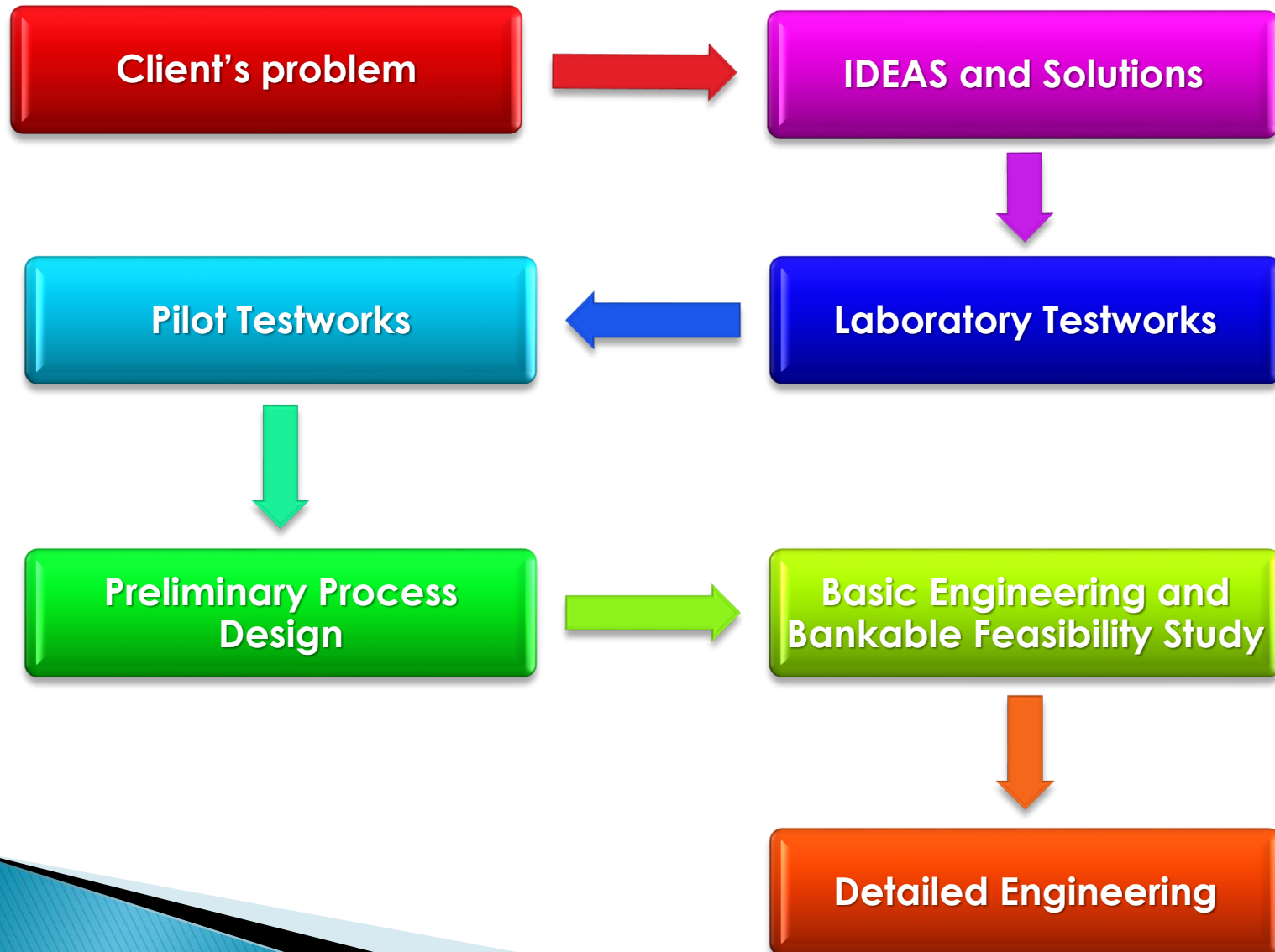
Project Management

Background

- ▶ Founded by Chemical Engineer since 1996
- ▶ 22 years of industrial experience in plastic industry, food industry, mining and metal industry, renewable energy and recycling industry
- ▶ 10 years working experience in Turkey in big companies
- ▶ 10 years international working experience (European countries, USA, UK, China, Yemen, South Korea, Japan, Thailand etc..)
- ▶ Project Management, Plant Commissioning, Plant Monitoring

ENGINEERING AND PROJECT DEVELOPMENT

Engineering and Project Development Process Flow



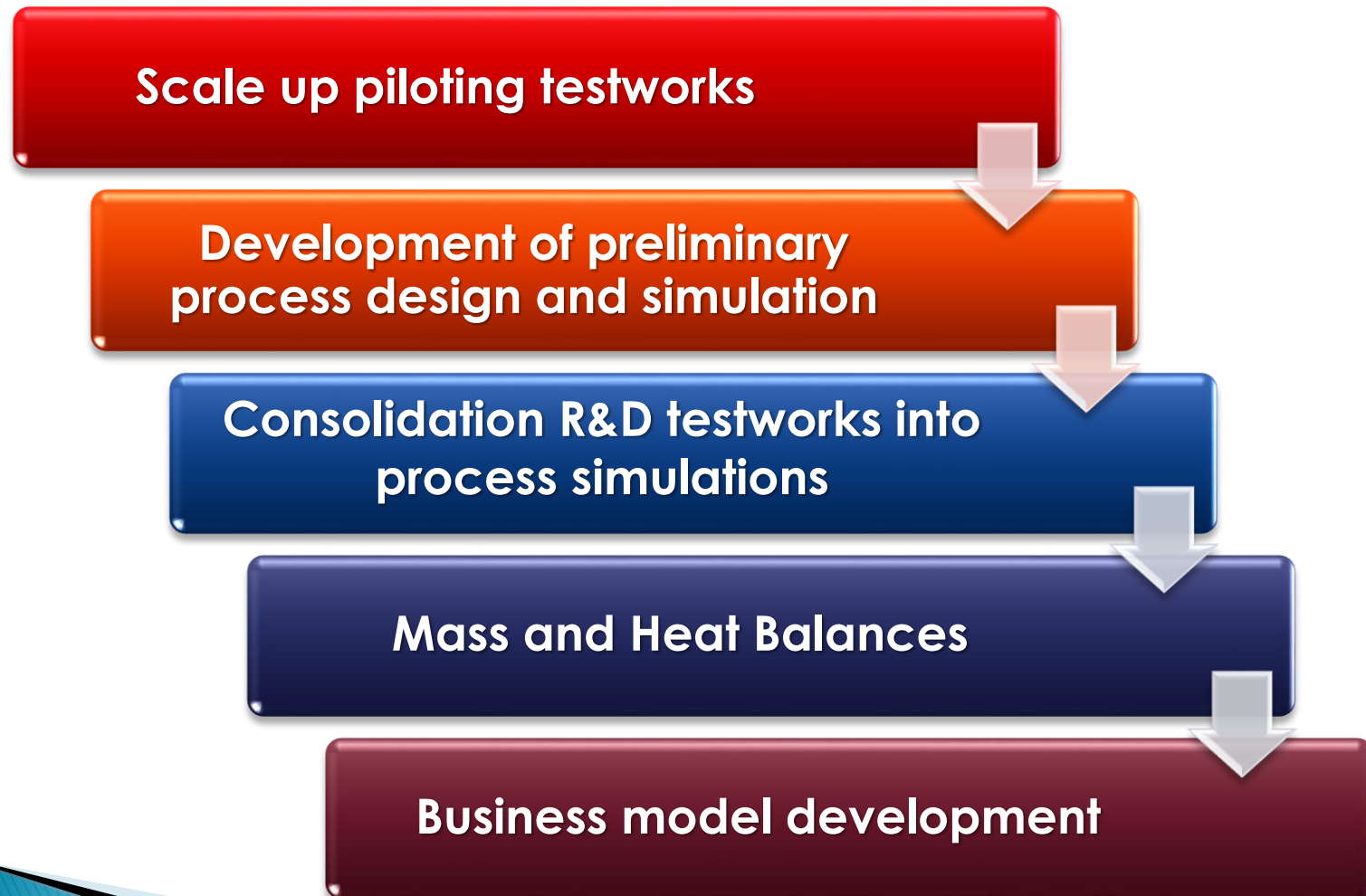
IDEAS and Solutions



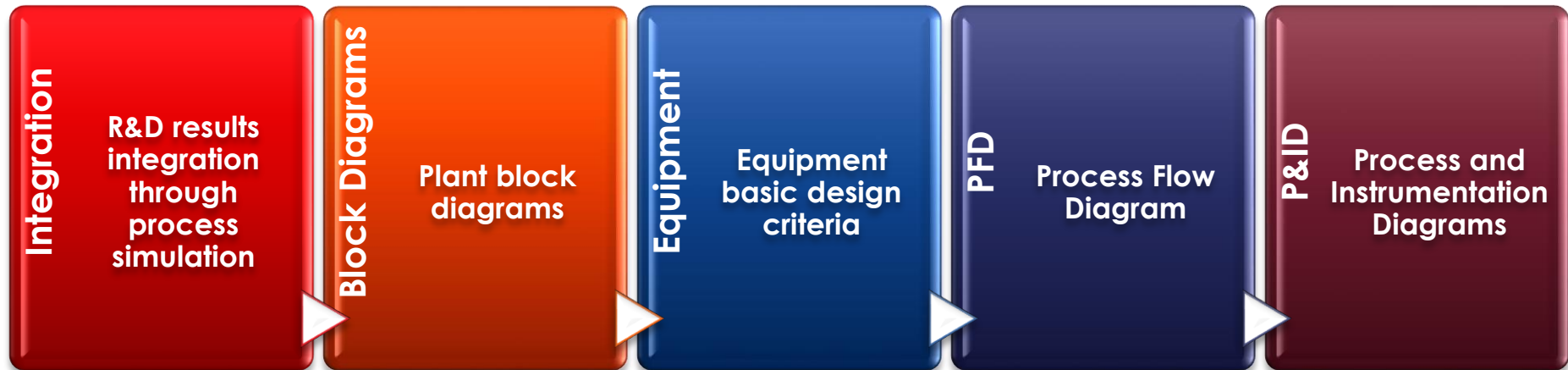
Testworks



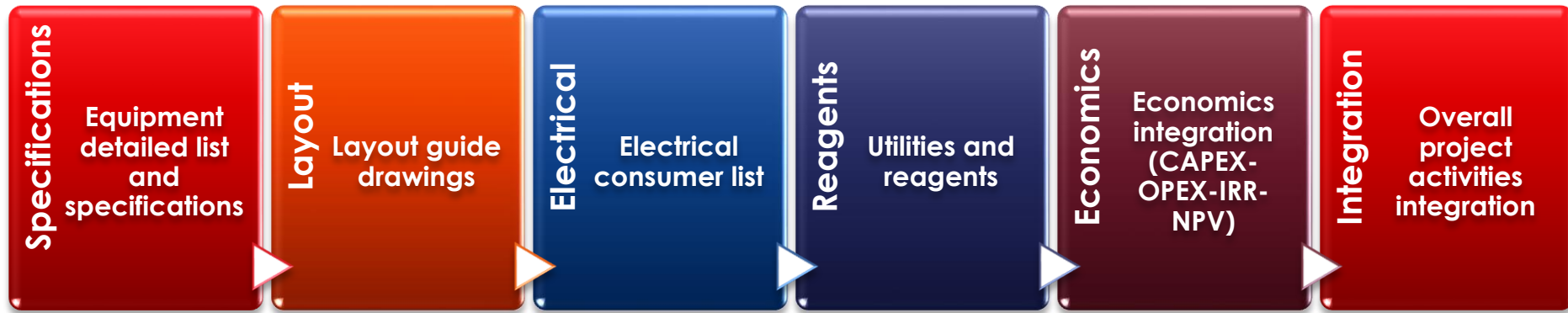
Preliminary Process Design



Basic Engineering & Bankable Feasibility Study

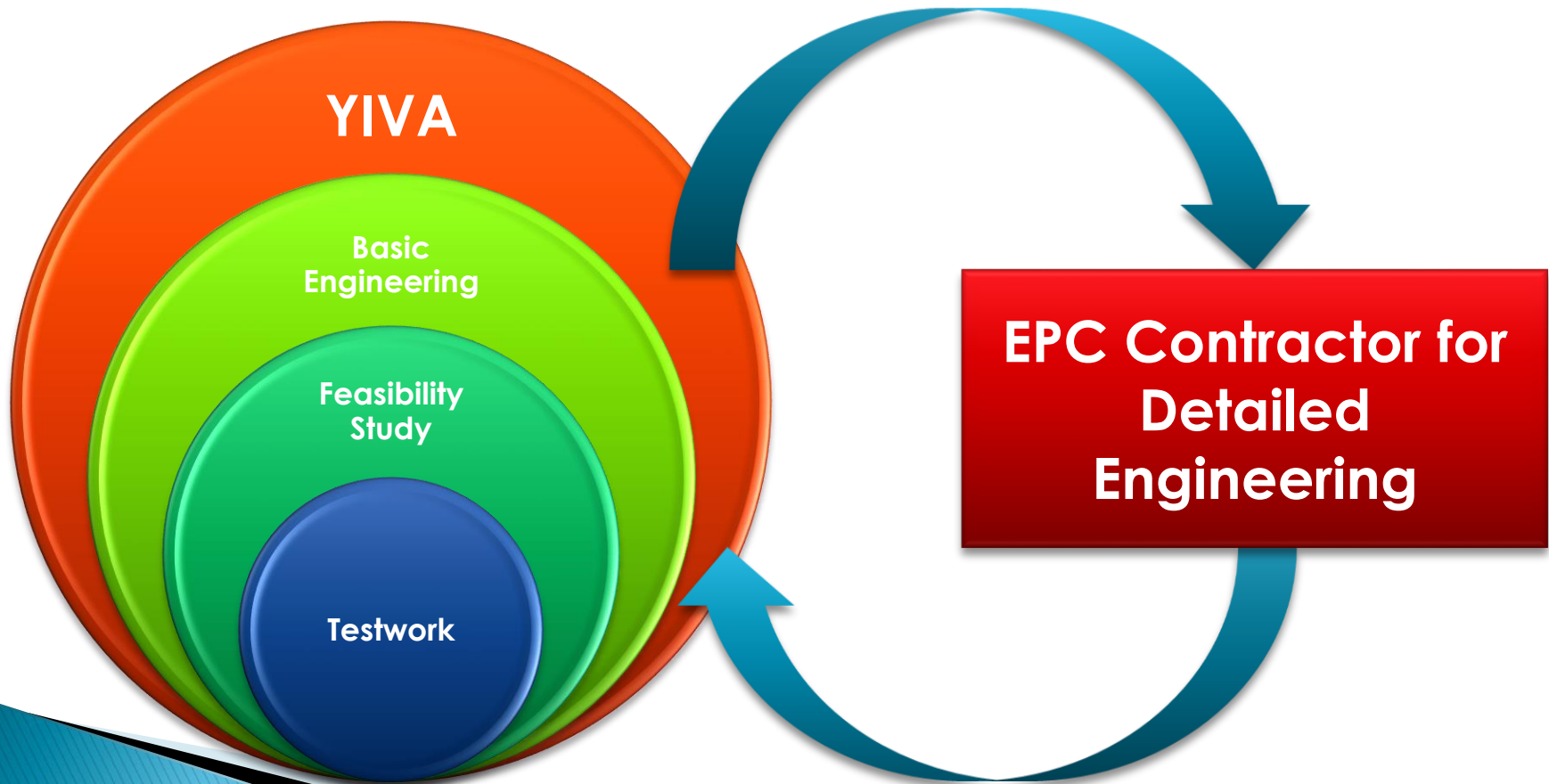


Basic Engineering & Bankable Feasibility Study



Detailed Engineering

- ▶ Basic Engineering packages handing over to EPC contractor
- ▶ Close follow up engineering activities with EPC contractor



Recycling Solutions

- Developing solutions for industrial wastes containing valuable metals; zinc, lead, copper, silver, gold, iron, aluminium, lithium, rare earth metals etc..and extraction of all these valuable materials

Industrial wastes

EAFD
(Electric
Arc
Furnace)

BF, BOF
Dust

Mill
Scales

Ashes

Any type
of Slags

Any
types of
industrial
wastes

Recycling Solutions

Consultancy services

**Any type of solid waste
valorisation**

**Recovery of valuable
materials**

Complex Mining Deposit

Analysing complex mining deposits

Testing program

Developing process

Feasibility study

Basic Engineering packages

Renewable Energy Activities

Consultancy services

Solar Energy (PV)

Biomass Energy

Biogas Energy

Wind Energy

Geothermal Energy

Project Management Activities

Industrial Project Management from small projects to large projects

Construction Management

Plant Commissioning Management

Training of staffs and operators

Plant monitoring and follow up after comissioning