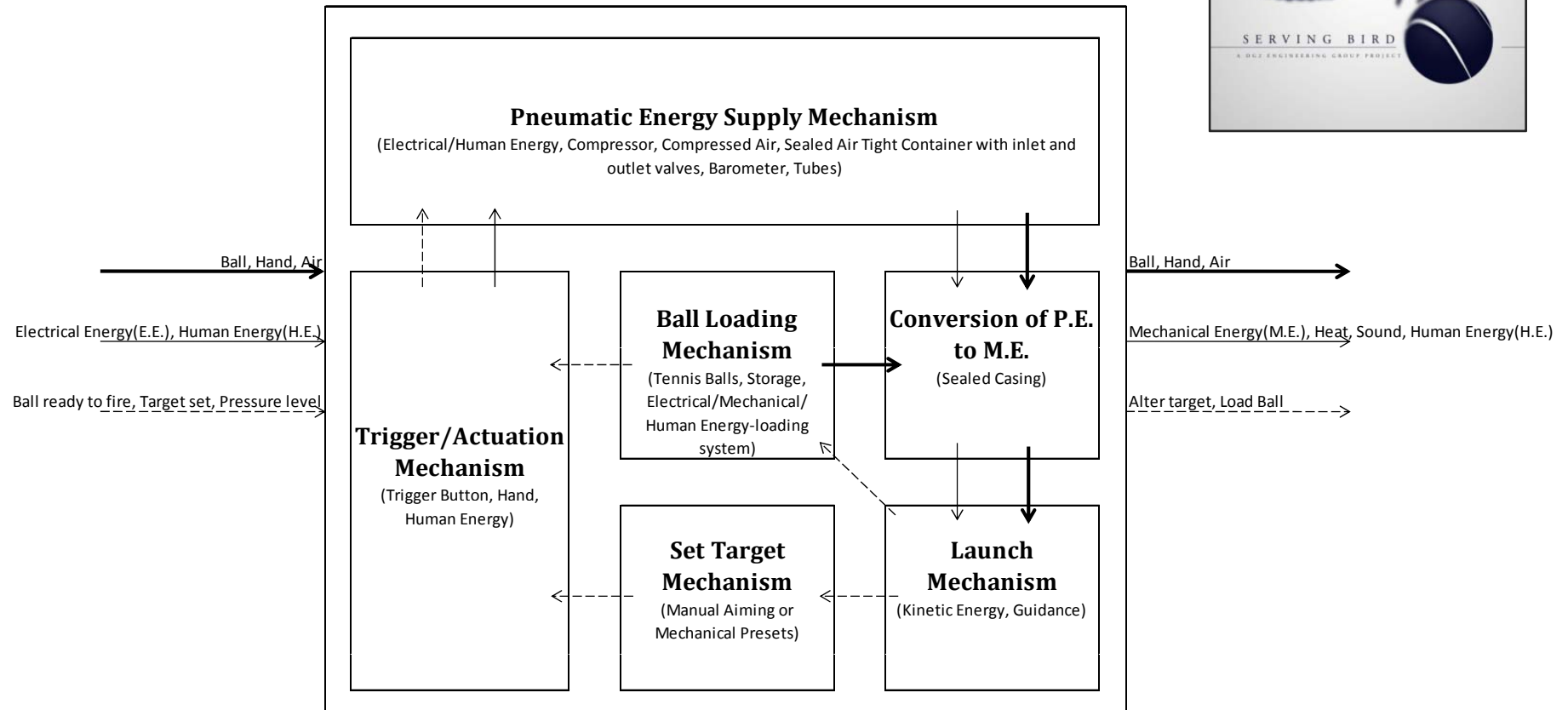


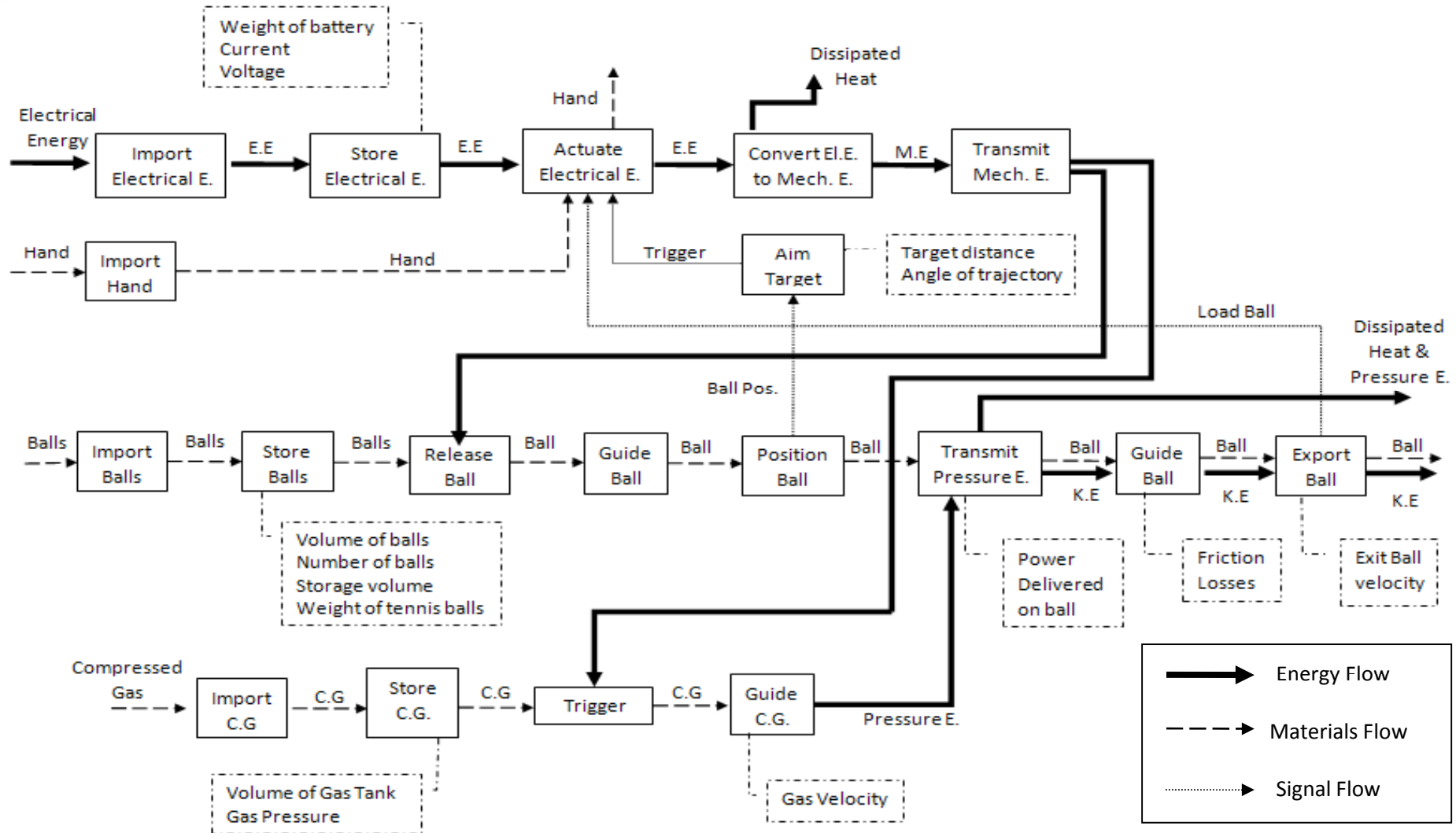
Examples of competitors



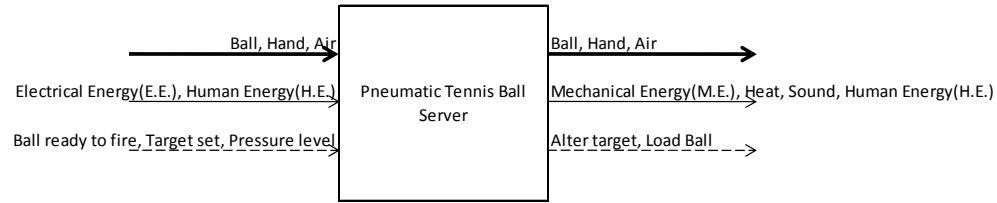
GENERAL FUNCTIONAL MODEL



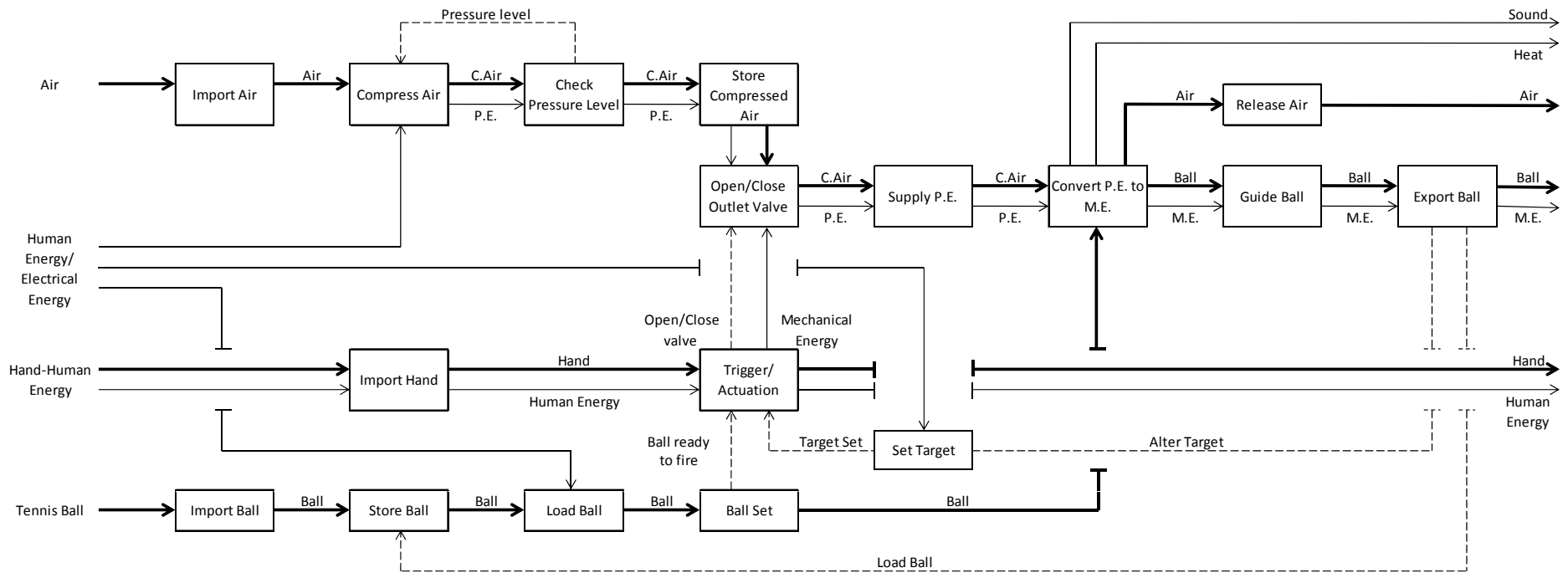
General Functional Model



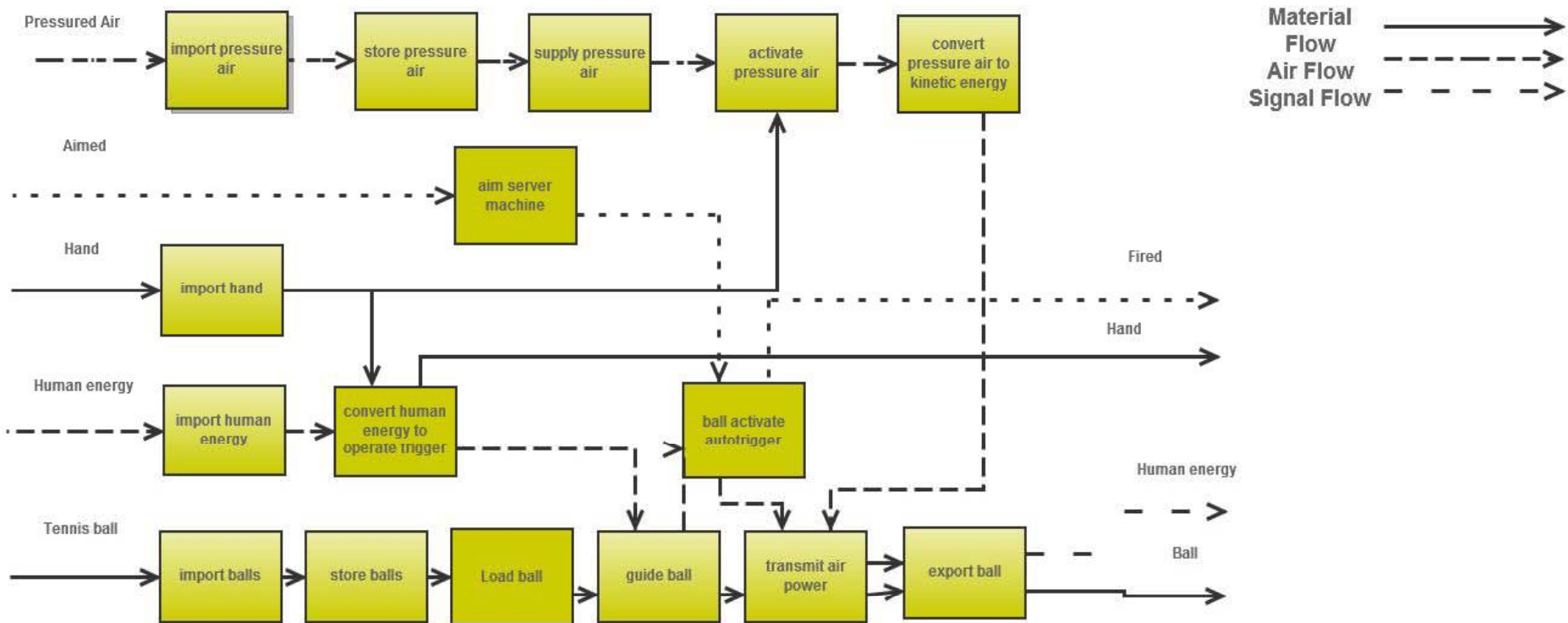
KEY	
Material Flow	
Energy Flow	
Signal Flow	



DETAILED FUNCTIONAL MODEL



Functional Model



Group 3's Functional Model

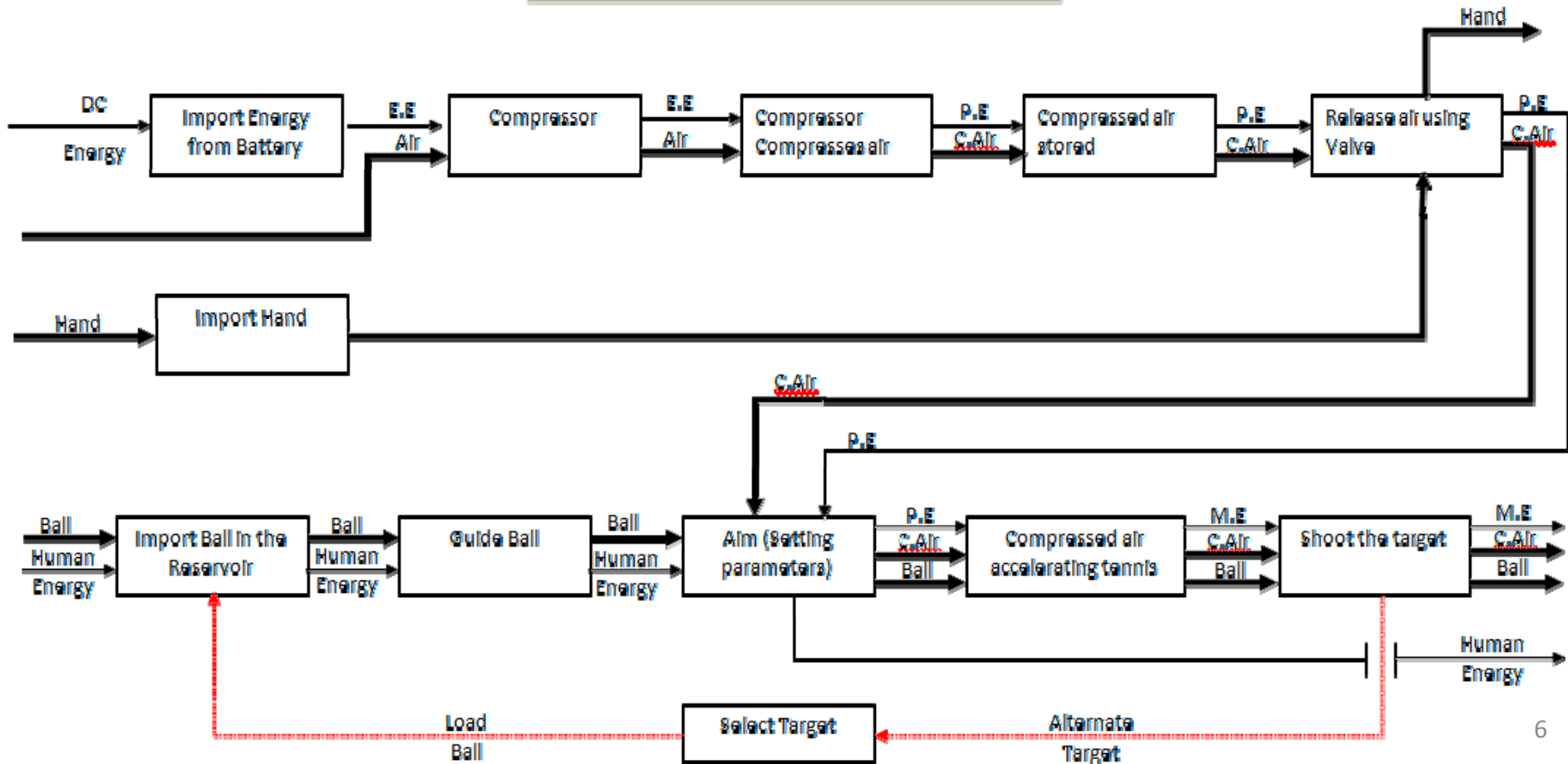


Functional Model

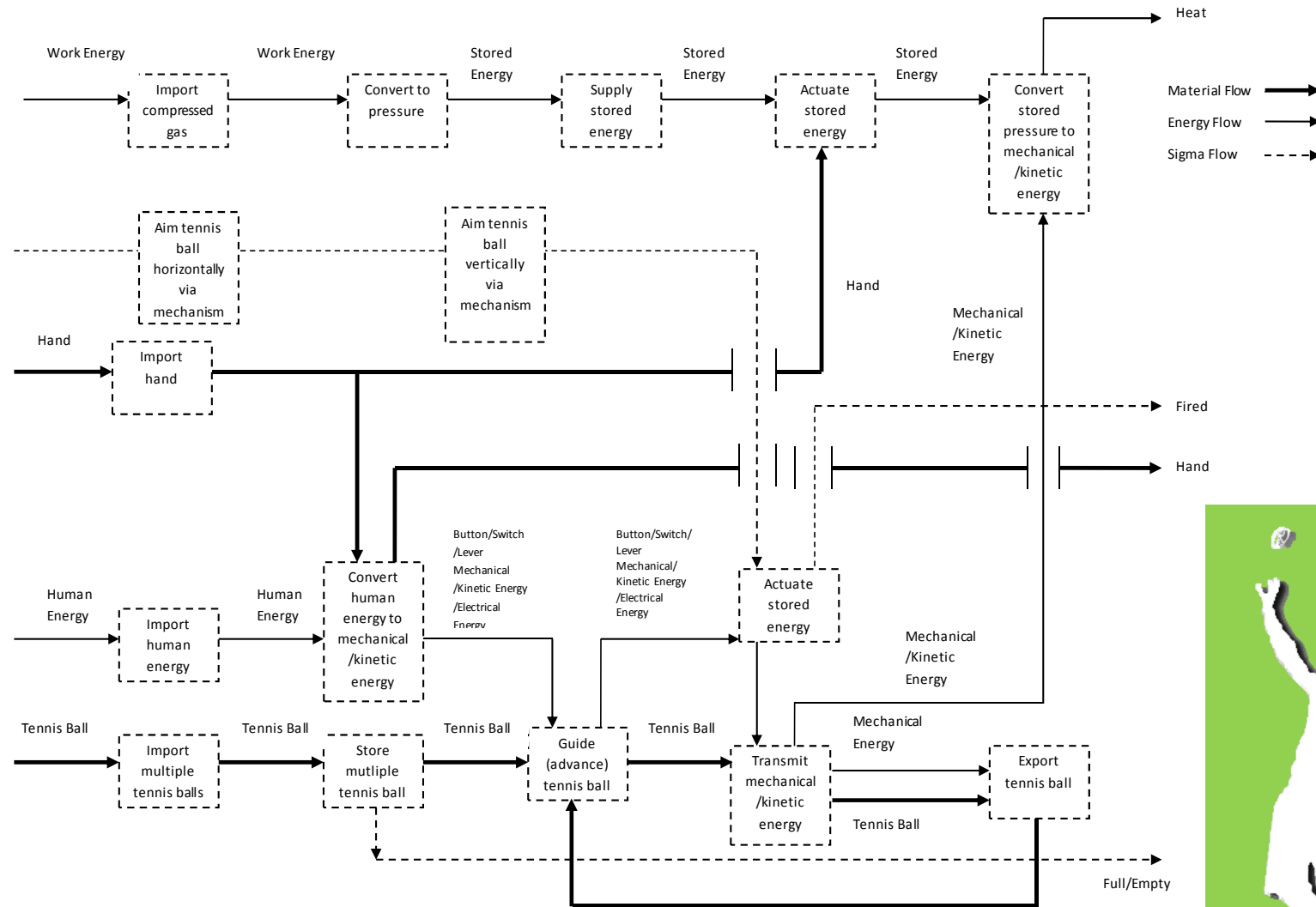
Key: P.E – Pneumatic Energy

: C.Air – Compressed Air

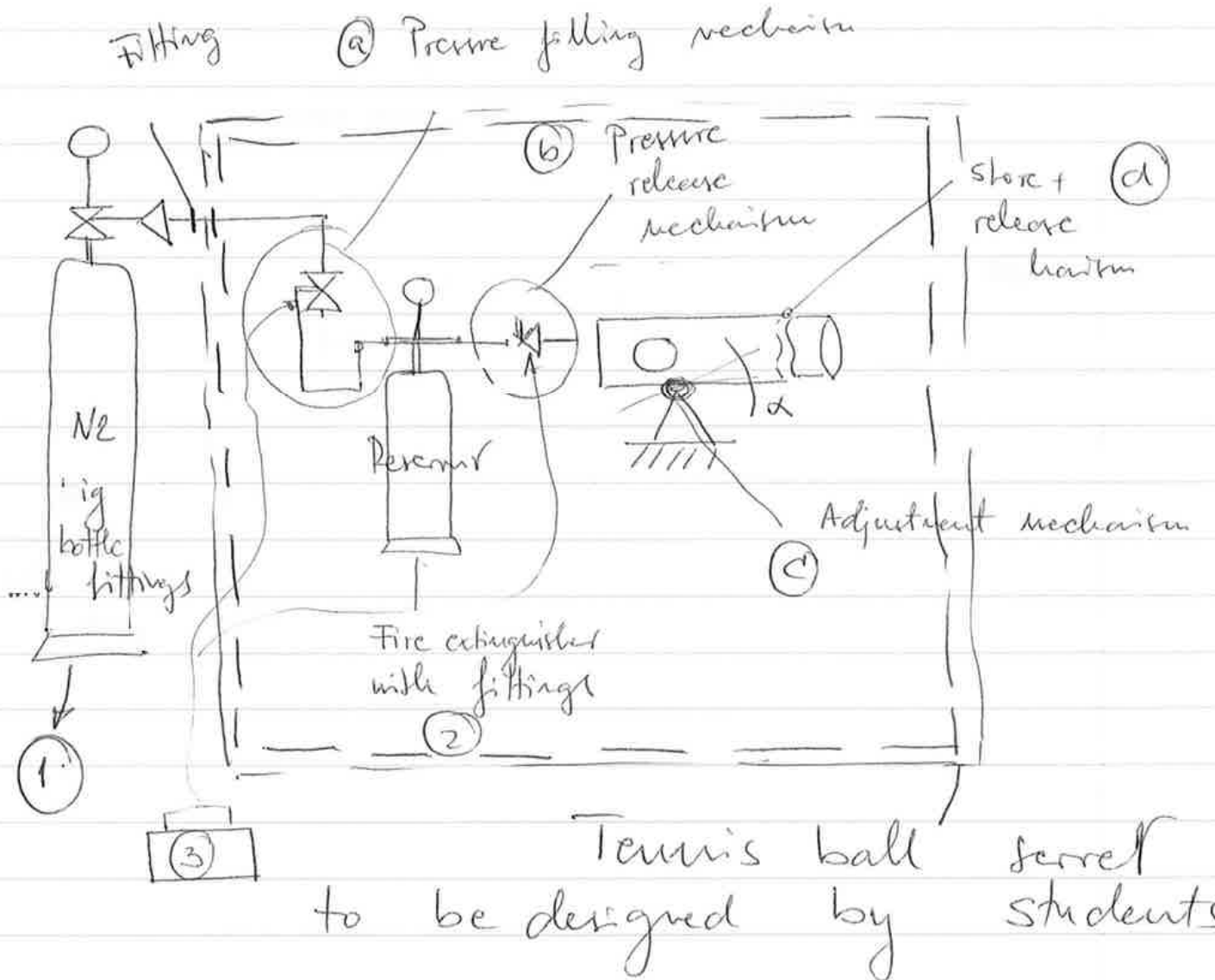
: M.E – Mechanical Energy



Functional Model



APPENDIX – what to do



Material provide for each group

- CO₂ fire extinguishers to use as pressure vessels
- 1" BSP T piece
- 1" BSP male – 3/8" BSP female bush
- 1" BSP male/male nipple
- 10 bar 3/8" BSP female solenoid valve
- 0 - 10 bar pressure gauge
- 3 x 3/8" BSPP male /male fittings
- 1" BSP Rinpro 200 series solenoid valve