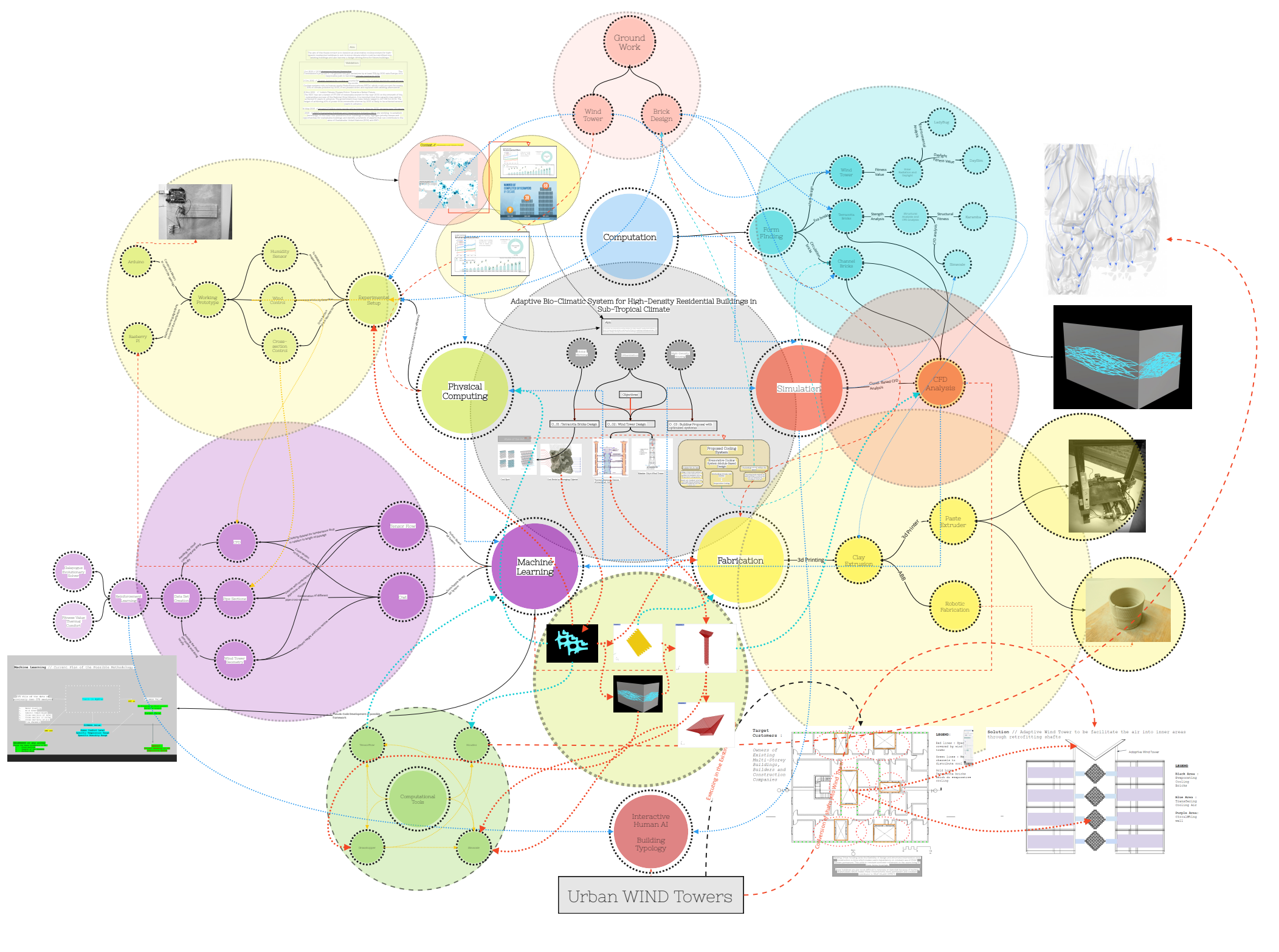

Ground Work
Wind Tower
Brick Design
Computation
Form Finding
Wind Tower
Terracotta Bricks
Channel Bricks
Ladybug
DaySim
Karamba
Adaptive Bio-Climatic System for High-Density Residential Buildings in Sub-Tropical Climate
Physical Computing
Simulation
CFD Analysis
Arduino
Working Prototype
Humidity Sensor
Wood Control
Cross-section Control
Experimental Setup
Raspberry PI
Machine Learning
Tensor Flow
Data Set Creation
Pixel Sections
Wind Tower Geometry
Fabrication
3d Printing
Clay Extrusion
Paste Extruder
Robotic Fabrication
ABB
Computational Tools
Interactive Human AI
Building Typology
Executing in the Exam
Urban WIND Towers
Target Customers :
Owners of Existing Multi-Storey Buildings, Builders and Construction Companies
Conversion to Multi-Shaft Wind Tower
Solution // Adaptive Wind Tower to be facilitate the air into inner areas through retrofitting shafts
LEGEND:
Adaptive Wind Tower
LEGEND
Black Area : Evaporating Cooling Bricks
Blue Area : Transfering Cooling Air
Purple Area: Circulating Wall