

INNOVATION LAB'S MAKERSPACE and CO-WORKING AREA



Makerspaces have been called everything from **FabLab** to **Tecshop** to **hackerspace**. At the core, they are all places for making, collaborating, learning and sharing.



Pictures : UCL's MAKERSPACE And INSTITUTE OF MAKING



DESCRIPTION

A Multifunction Creative Space open to the public.

A Fabrication, Rapid Prototyping, Electronics, Mix-R and Machining Laboratory.

A Space that delivers our strategic objectives.

- Promote innovation
- Engage creativity
- Practical hands-on Experimentation

VISION

The Makerspace offers researchers and entrepreneurs Opportunities.

- To transform
- To share
- To Test and perfect their ideas

Within the Co-working area.

- people with common interests can socialize and collaborate
- We focus on the community
- Host educational events and casual sessions

SCOPE

Promote innovation

- Cutting edge equipment

Encourage the entrepreneurial spirit by providing access

- To a networking space
- Knowledgeable tutors and mentors

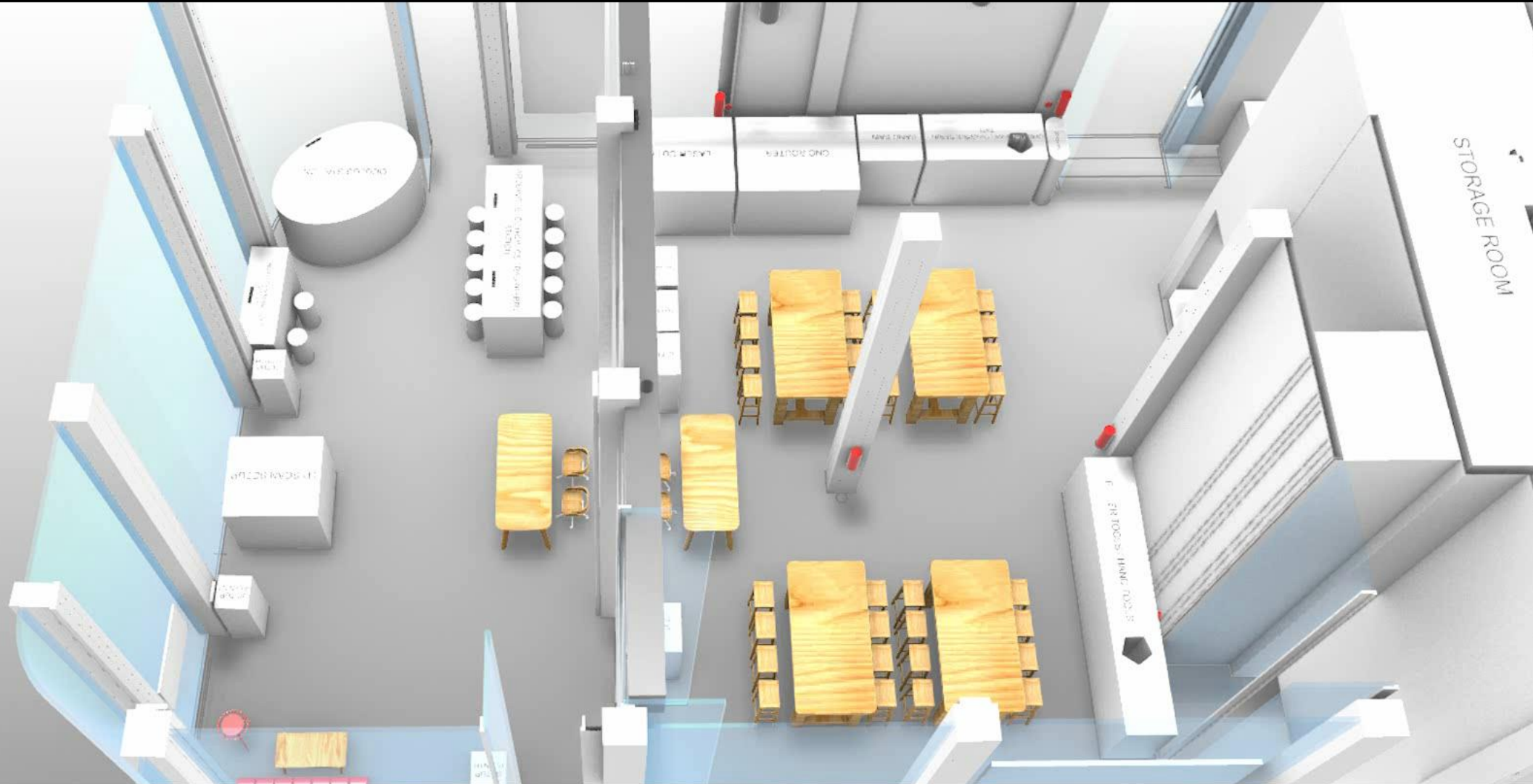
Encourage Experimentation in the development and creation

- Products
- Design Concepts

TARGET GROUPS

- Research teams of RISE
- Startups, Partners, Entrepreneurs
- Cultural and Creative centers and Industries
- Applied and Conceptual Artists
- Designers / Makers
- Architects
- Engineers
- Local SMEs, Start-ups and Entrepreneurial initiatives
- Education

MAKERSPACE – AREAS and STATIONS



WORKSHOP AREA.

- 3-D printing station
- 3-D scanning Station
- Laser cutter/engraver
- 5 axis CNC
- Welding, soldering and grinding station
- Washing and conditioning area
- Power tools and hand tools station
- Workstations

RECEPTION AREA

- AV, VR, Mix-R equipment stations
- Projects exhibition Areas

ELECTRONICS AND ROBOTICS

- Arduino, Raspberry Pi
- Drones
- Mbot, Turtlebot

CO-WORKING SPACE

- Conference / Meeting room
- Community space
- Game Room

STORAGE AREA

- Consumables
- Dispensable
- Materials
- Media Storage

WORKSHOP AREA SERVICES

- Organize inductions on a regular basis.
- Equipment or Technician Booking appointments.
- Offer workshops .
- Offer Q&A meeting for each Expertise.
- Have mentors guide people into using the space.
- Create an award or an internship.
- Public open-night, open-day.
- Establish a Maker fair once a year.

RECEPTION

- Online booking / lending system and an electronic inventory system
- Exhibition space. Feature completed work on site and website
- Showcase materials and methods for prototyping

ELECTRONICS AND ROBOTICS AREA

- Hosts electronics and robotics classes

LASER AND PHOTOSCANING AREA

- Clean space for 3D Scanning and Photography

MEDIA STORE AND STORAGE AREA

- Electronic inventory system
- Equipment lending
- Dispensable Consumables Material sourcing



Co-Working Space:

A space where start-ups and spin-offs; created by the researchers at RISE or by collaborating groups can have a desk or workspace to work.





AIMS

- Encourage interaction and brainstorming.
- Invite guest speakers.
- Support social interaction
- Promotion
- Events

Co-working space

1. Conference Room

- Meeting room adaptation possibilities

2. Community Space

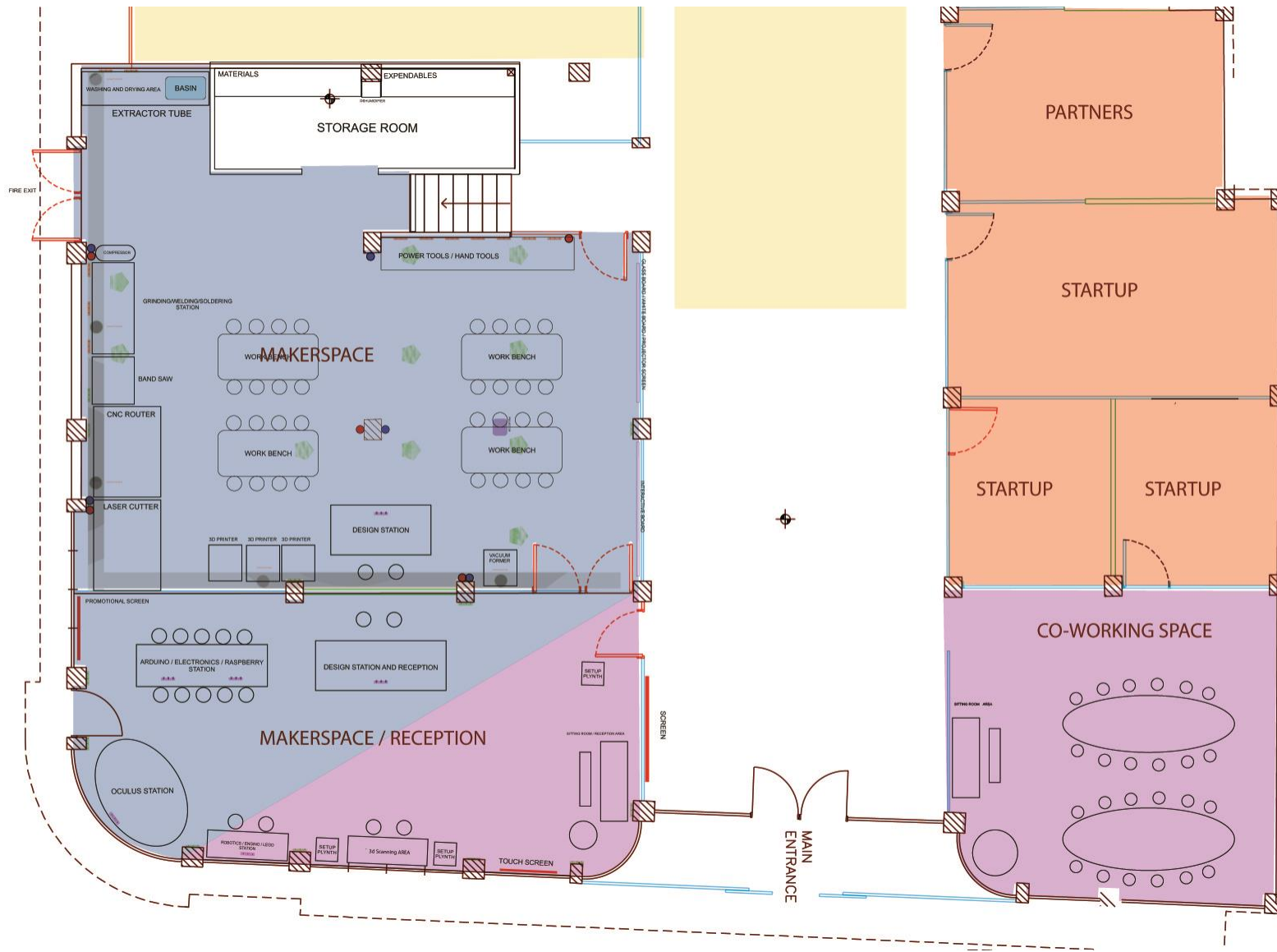
- Furnished space
- High speed wireless internet
- Projector
- Printing, scanning and copying
- Coffee and tea
- Business address, Mail

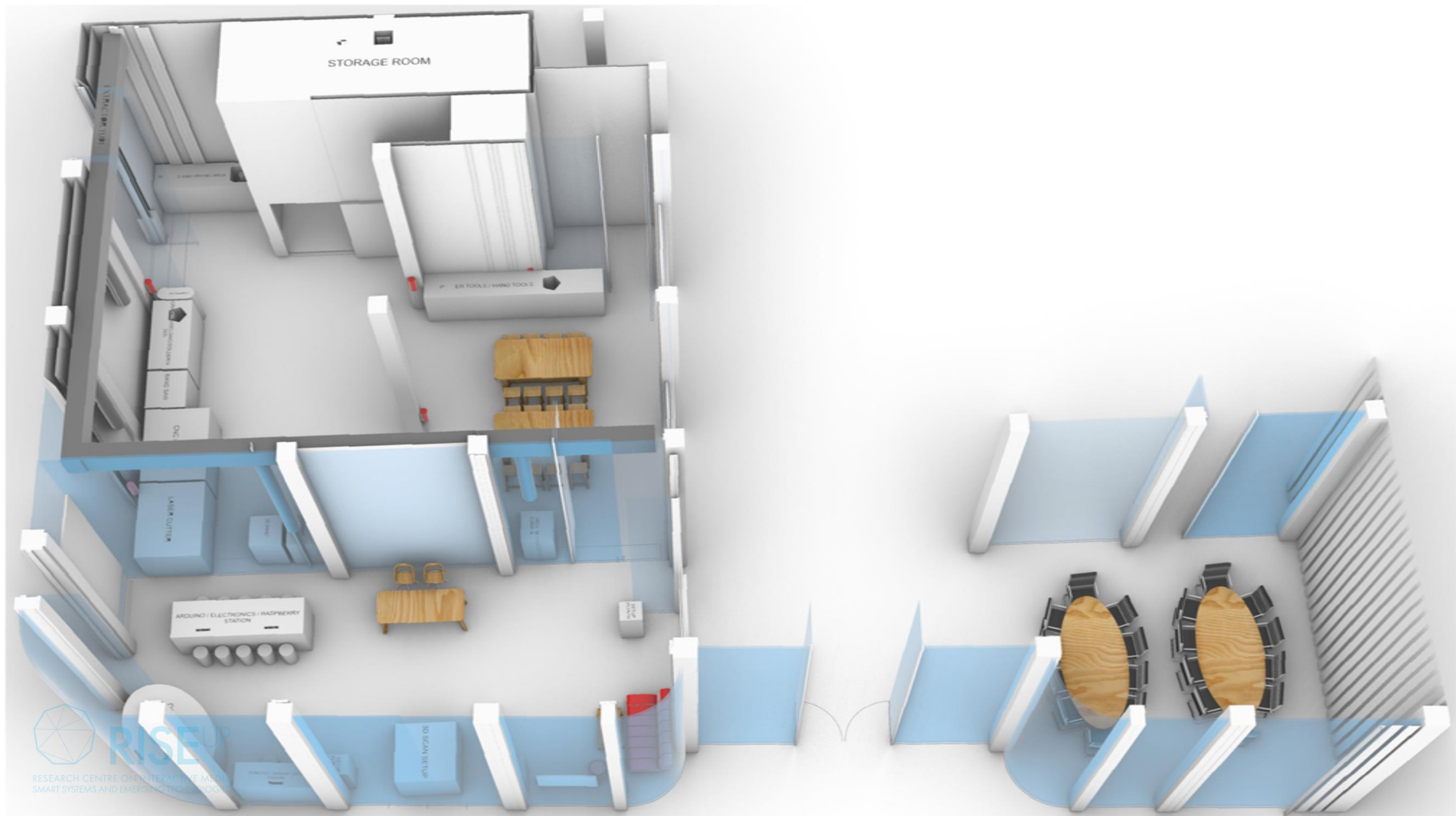
3. Game Area.

- Game featuring area

4. Office space

- For Startups
- For partners





RISE UP

RESEARCH CENTRE ON INTERACTIVE MEDIA,
SMART SYSTEMS AND EMERGING TECHNOLOGIES

GENERAL OBJECTIVES

- Help creators discover and develop new skills.
- Encourage the idea of discussing and getting involved with academics.
- Promote innovation.
- Establish that, RISE's laboratories and equipment hold value.
- Train and support local entrepreneurship.
- Increase the social engagement of scientists and entrepreneur.
- inspire the public to the opportunities offered by science, technology and entrepreneurship.
- encourage technology-led innovation.
 - through supporting workshops
 - Competitions
 - school visits



DESCRIPTION vs BRANDING,

A fabrication, prototyping, machining, electronics, mixed reality, AR, VR and artisan make laboratory.

**“We give people the ability to create “
“From Demo to Final Design”**

Brand Name:

Thinker Maker Space



THANKS FOR LISTENING

ON BEHALF OF THE MAKERSPACE
MARIOS CONSTANTINIDES



RISEUP

RESEARCH CENTRE ON INTERACTIVE MEDIA
SMART SYSTEMS AND EMERGING TECHNOLOGIES

In Picture: Workbenchprojects