

ROBOT FOOTBALL OLYMPICS

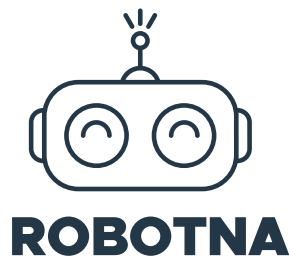
Innovation Projects Guide





ROBOT FOOTBALL OLYMPICS

A Global Fusion of Sport, Innovation & Youth Leadership



وزارة التربية و التعليم
Ministry of Education

Innovation Projects Guide

5 – 6 December 2025



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Media coverage



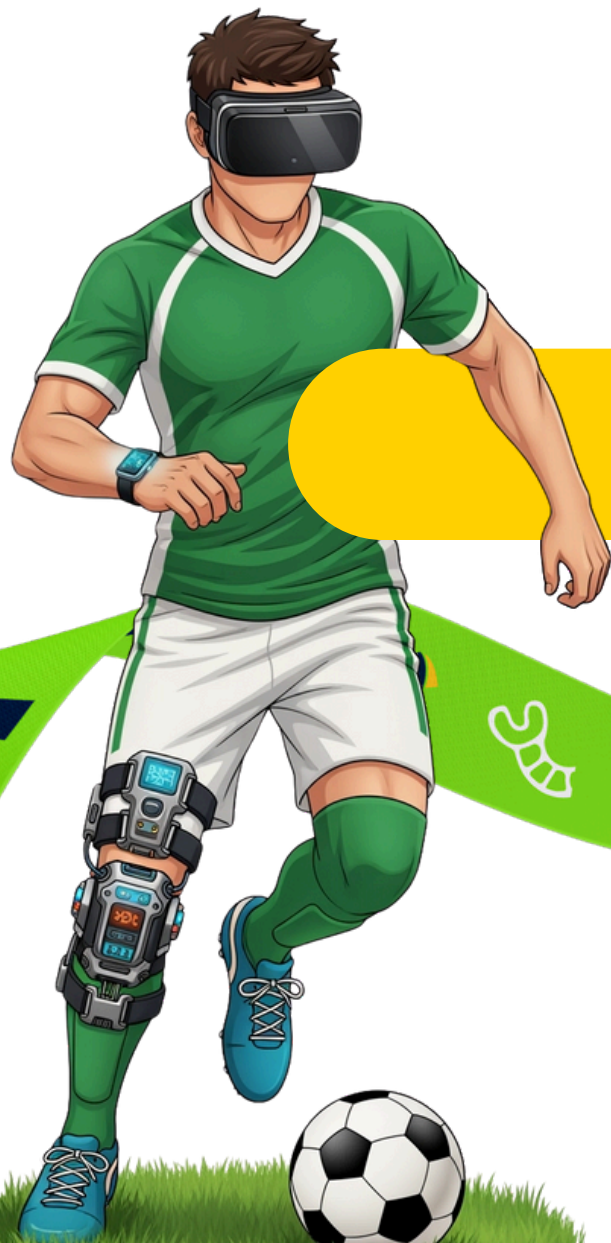
What is

the Innovation Project



The Innovation Project is a core part of RFO 4.0.

In this segment, each team is challenged to think beyond the match and explore how technology can improve the world of football.



THE GOAL IS SIMPLE:

Identify a real problem in football, and propose a smart, tech-based solution.



BUILD A POWERFUL PROJECT

3 Things You Must Include

Every great innovation starts with a clear idea.

To make your project strong and complete, include these three parts:



WHAT'S THE PROBLEM?

Explain a real issue you noticed in football.
Why does it matter? Who is affected?

WHAT'S YOUR SMART SOLUTION?

Describe your creative idea to solve the problem.
Is it new? Is it helpful? Can it work?



HOW WILL IT CHANGE FOOTBALL?

Show the impact of your idea.
How will football be better because of it?



STEPS TO BUILD YOUR PROJECT

move from idea to final video

Follow these simple steps to take your idea from brainstorm to final video:

1

Think

Talk as a team. What's a real problem in football you'd like to fix?

2

Idea Selection

Pick one idea that's smart, useful, and exciting.

3

Presentation Build

Create a clear and simple presentation to explain your idea.

4

Video Recording

Keep it under 7 minutes and explain the problem, solution, and impact.

5

Project Review

Watch your video and improve anything that's unclear or confusing.

6

Video Upload

Submit your final video on time through the RFO platform.

Be creative, be clear, and show the world your brilliant idea

Innovation Fest for the Next-Gen



PROBLEM SELECTION

first step to creat a project!

Your team needs to choose one real challenge in football that needs a smart solution

Here are some helpful questions to guide you:

What's something in football that could be better?

Have you seen problems for players, fans, referees, or coaches?

Can technology make football more fair, fun, or safe?

Think about issues in:



Equipment

(balls, shoes, goals)



Stadiums

and fan experience



Refereeing

and scoring



Health

and safety



Rules

and timing

Pick a problem you **care about** and **understand well**. That's the first step to creating a powerful project!



ENGINEERING DESIGN PROCESS

A step-by-step

Engineers follow a special way of thinking called the Engineering Design Process. It helps them solve problems step by step—and now, you'll use it too!

Here are the steps you can follow in your Innovation Project:



PROJECT FORMATS

A step-by-step

Your final submission is a video presentation of your idea.

But the idea itself can take different forms—choose what fits your solution best:



SOFTWARE SOLUTION

Your idea can be an app, a game, a sensor-based system, or any coded solution.

CONCEPT PROPOSAL

You can create a clear presentation (slides, posters, etc.) to explain a future idea that hasn't been built yet.

PROTOTYPE MODEL

You can build a physical model or small demo of your idea using simple materials.



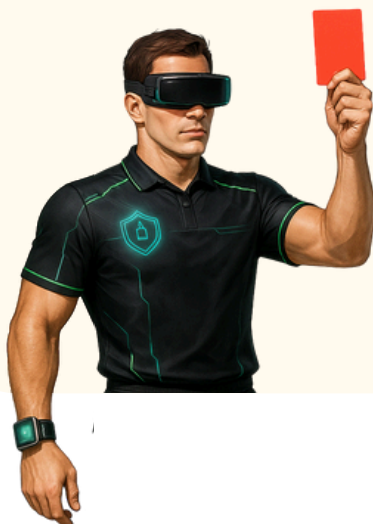
VIDEO GUIDELINES

A step-by-step

Your video is the most important part of your project.

It must follow all the rules exactly. Videos that don't follow the rules will not be accepted.

Requirement	Details
Orientation	Horizontal (landscape) only
Length	Must be between 4 and 7 minutes — any video shorter or longer will be rejected
Resolution	Minimum Full HD (1080p)
Language	Arabic or English
Content	Must include problem, solution, and impact
Presenter	At least one team member must appear and speak
Submission	Upload the video on time through the RFO platform



**ANY VIDEO THAT DOES NOT MEET THESE
RULES WILL BE DISQUALIFIED.**



PROJECT EVALUATION FORM

Criteria	1 – NA	2 – Acceptable	3 – Good	4 – Excellent
Problem Section				
Problem Clarity	Hard to understand	Somewhat clear	Clear and relevant	Very clear and specific
Relevance to Football	Weak connection	Some link	Clearly related	Strong and meaningful connection
Importance of Problem	Minor issue	Moderate impact	Important problem	High-impact, worth solving
Solution Section				
Creativity of Idea	Basic or repeated idea	Some creativity	Creative idea	Highly original and innovative
Use of Technology	Unclear or missing	Basic use	Clear and useful	Smart, well-integrated technology
Feasibility & Impact	Unrealistic or weak	May work	Practical idea	Strong real-world impact
Presentation & Video Section				
Explanation Clarity	Confusing	Some parts clear	Clear and organized	Very clear and engaging
Visual Support	No or weak visuals	Basic visuals	Good support	Excellent, creative, and helpful visuals
Team Collaboration	One person only	Some teamwork	Good balance	Excellent, shared presentation





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