



TESTING TECHNOLOGY FOR SPORT



## Sports Capital & Equipment Programme (SCEP) Artificial Turf Pitches

20<sup>th</sup> July 2023 | Eric O'Donnell & Niall MacPhee



# Artificial Turf Pitches Consultants

- ✓ About us
- ✓ SCEP Funding overview
- ✓ A consultant's role/support
- ✓ Cost plan, budgets and quotes for funding
- ✓ Case Studies
- ✓ Microplastic position



# About us

- ✓ Sports Labs a Company
- ✓ Over 25 years experience
  - Main Departments
    - Field Testing
    - Lab Testing
    - Consultancy Practice
    - Research and Development
- ✓ In country operations
  - History in country
  - Consultancy team
  - Local Technician Craig Hanna



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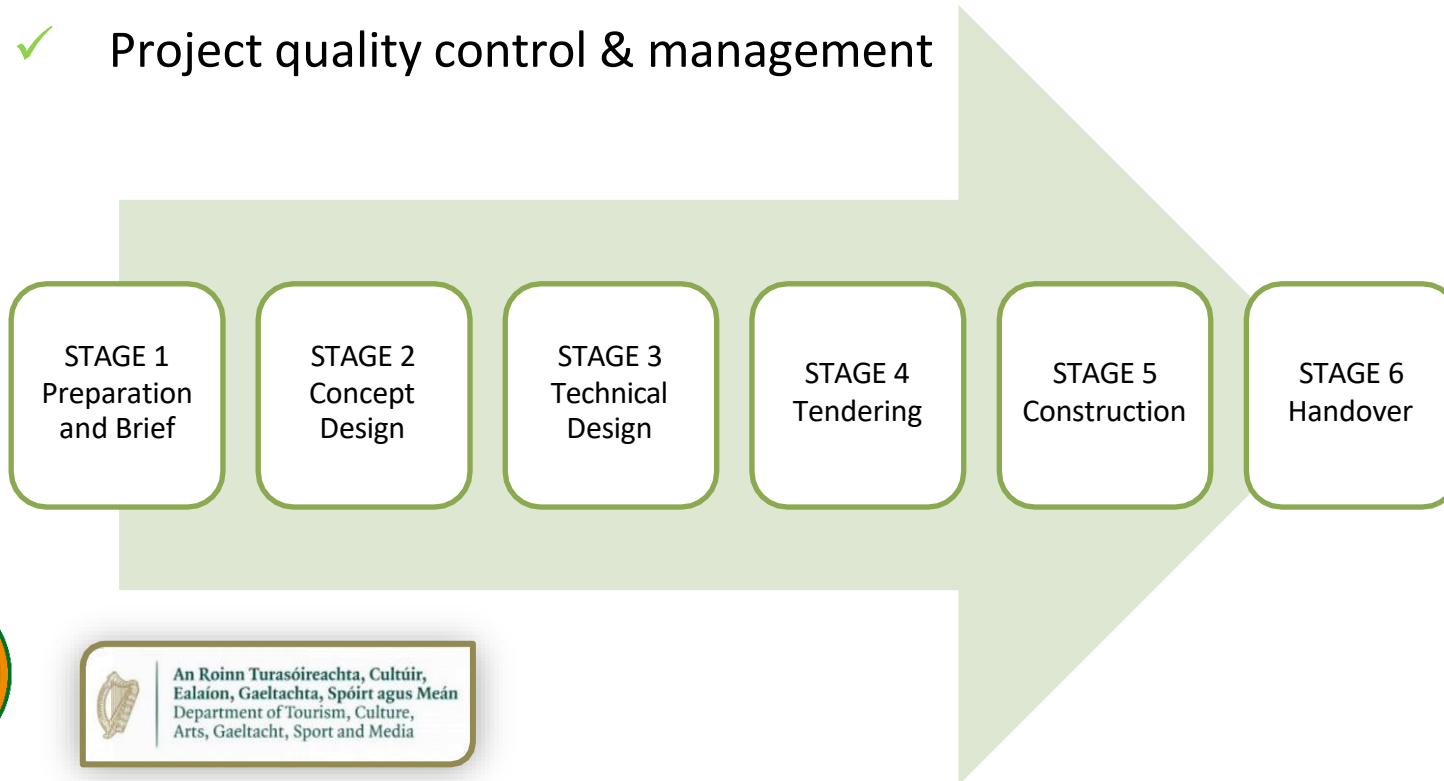
# SCEP Funding Key Notes

- ✓ Feasibility study – **New or refurbishment**
  - Site walk over, desk Top Study.
  - Review of site information / Concept.
- Planning constraints / Access - 55% of failures.
- Can be done in phases – 200,000 Euros at 95%.
- 51.2 Million on Artificials / 40% clubs not accessed yet.
- 8<sup>th</sup> September 2023.
- Not available to projects that have been granted SCG in the previous 10 years.



# Consultants Role: The Importance of a Consultant

- ✓ Independent design, document preparation, technical support
- ✓ Independent technical support
- ✓ Project quality control & management



**DESIGN, BUDGET & PLANNING**  
**FEASIBILITY, TENDER, PLANNING**



**QUALITY CONTROL | KSI**  
**SURFACE MODULUS (PRIMA)**



**HAND OVER & SNAGGING**  
**FINAL COMPLIANCE TESTING**

# Cost Plan for Funding


- ✓ Certified cost plan.
- ✓ Sports Labs will happily assist you with this process, the site appraisal and defined scope of work that is produced should be used to obtain this quotation.
- ✓ 3 up to date contractor quotations.

Price	CONTACTOR A			CONTACTOR B			CONTACTOR C		
Example Price Criteria/ Cost of Ownership									
Acquisition/Initial Capital Expenditure									
Prelims			€ 14,750.00			€ 32,756.00			€ 9,355.68
Site Preparations			€ 38,790.00			€ 101,039.40			€ 29,532.90
Drainage			€ 19,320.00			€ 16,579.20			€ 12,884.60
Pitch Foundations & Base			€ 166,092.00			€ 271,429.62			€ 158,350.07
Shockpad & Synthetic Turf			€ 269,240.00			€ 245,982.50			€ 216,745.20
Fencing			€ 70,180.00			€ 67,607.95			€ 83,050.64
Floodlighting			€ 102,275.00			€ 117,977.40			€ 111,961.10
Equipment			€ 14,940.00			€ 20,720.00			€ 16,366.47
Reinstatement			€ 1,408.00			€ 5,400.00			€ 3,377.76
Maintenance			€ 3,100.00			€ 4,680.00			€ 4,431.00
Extra Over items			€ 8,000.00			€ 7,500.00			€ 5,334.00
Professional Fees & Testing			€ 10,000.00			€ 10,200.00			€ 8,670.00
Section Total			€ 718,095.00			€ 901,872.07			€ 660,059.42



# Cost Plan – Full New Build


## ✓ Full Construction Football Pitch - 106m x 66m

Full Construction Football Pitch - 106m x 66m			
			
Summary			€
Prelims			31,993.62
Site Preparations			51,749.80
Drainage			23,823.60
Sub Base			222,108.60
Shock Pad & Synthetic Turf			259,116.00
Fencing			102,387.50
Equipment			17,190.00
Floodlighting			84,735.00
Hardstanding			29,624.00
Reinstatement			1,906.00
Maintenance			7200
Extra Over Items			0
<b>Sub Total</b>			<b>831,834.12</b>
Professional Fees & Testing			26900
<b>Sub Total</b>			<b>858,734.12</b>
5% Client Contingency			42936.71
<b>Total EX VAT</b>			<b>€ 901,670.83</b>



# Cost Plans – Refurbishment

## ✓ 106mx 66m Sand Filled to 40mm 3G Refurbishment

106mx 66m Sand Filled to 40mm 3G Refurbishment				
Summary				€
Prelims				13,940.26
Site Preparations (Turf & Shock Pad Removal)				31,831.80
Drainage (Inspection & Clearing of Existing Drainage System)				2,000.00
Sub Base (Macadam Remedial Works)				12,592.80
Shock Pad & Synthetic Turf				239,464.00
Fencing				0
Equipment				16,630.00
Floodlighting (switch to LED)				35,000.00
Hardstanding				0
Reinstatement				1,188.00
Maintenance				9800
Extra Over Items				0
Sub Total				362,446.86
Professional Fees & Testing				18481.41
Sub Total				380,928.27
5% Client Contingency				19046.41
Total ex VAT				€ 399,974.68



## CASE STUDY 1

# CABBAGE GARDENS



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## CASE STUDY 2

# CAPPAGH PARK



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# Microplastic Update

- ✓ What does the future hold
  - New EU legislation
  - Performance of the material
  - ESTC
  - Alternative infills & cost implications



# SCEP - Get Started

- ✓ Key items needed
  - Project summary, details & costs
  - Organisational details (Can be included in feasibility)
  - Application value
  - Mandatory quotation / Pretender estimate
  
- ✓ For the application Sports Labs can support with
  - Defining the scope of works
  - Site Appraisal
  - Pre tender Estimate / Quote
  - Usage figures
  - Support with application / Feasibility
  - Planning permission



# Contact - Support

## Primary contact for consultancy

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## Primary contact for testing support

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