VISION / OBJECTIVES

- Increased Accessibility
- Increased Enjoyment
- Transfer of players to indoor environment
- Increased volume of players
- Growth of the sport
- Competition structure
- Olympic dream!
WHY AIRBADMINTON?

To make cost efficient courts available in beach, park and street environments. Create demand for more courts to be provided in public areas for pleasure, exercise and competitions.
BRIEF PROJECT HISTORY

June 2013
Outdoor Shuttlecock tender to identify research partner to assist with project.

December 2014
MoU signed with Institute for Sports Research (ISR) at NTU, Singapore. Initial criteria set for development of outdoor shuttlecock and its design parameters.

February 2015–2018
Research Process.
- 30+ prototypes created.

February 2018
Design confirmed and Patents posted on key elements.

March 2019
AirBadminton and AirShuttle names and logos confirmed.

November 2018
Proposed rules and project guidelines presented to BWF Council Meeting in Kuala Lumpur.

April 2018
Game testing commenced at University of Alicante in Spain. Analysed and tested:
- Playing surfaces.
- Physical demand of game.
- Game format S.
- Scoring system.
- Court dimensions.
AIRSHUTTLE
DEVELOPMENTAL CRITERIA

Must be played with the same rackets

Durable and affordable

Resistant to side winds up to 15km/hour

Similar trajectory and acoustics to a traditional indoor shuttle.

Similar weight and speed to a existing indoor shuttlecocks

Offers flight quality which supports a game with variety of strokes similar to badminton
EQUIPMENT

Boundary Lines

Net

Posts

AirShuttle & Racket

Boundary Lines
AIRBADMINTON COURT DIMENSIONS

On sand, the height of the net from the surface of the court is lower at 1.45m at the centre.
SURFACES

Hard

Mass Participation
Urban Concept
Development Initiatives
Grass
Mass Participation
Leisure Practice
SURFACES

Sand
Recreational
Competition Opportunities
ACTIVITIES

KUOPIO TEST EVENT
Timeline

- **AirShuttle production 2019**
- **Launch of AirBadminton in May 2019**
- **Global Implementation 2020**
- **AirShuttle Q1 2020**
- **Pilot and exhibition events 2019/20**
AirBadminton
The New Outdoor Game