



MODEL OF SOCIAL INCLUSION THROUGH SPORTS FOR PEOPLE WITH FUNCTIONAL DIVERSITY

AN INTERVENTION PROGRAM BASED ON THE PRACTICE OF BADMINTON

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Co-funded by the
Erasmus+ Programme
of the European Union



B4all

Badminton for All Erasmus+ Sport 2018/2020

European Network for the Promotion of Inclusive Badminton



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OBJECTIVE

The aim of this study is to measure the **IMPACT** of a Sport-based inclusive program on **social inclusion** of functional diversity.



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OBJECTIVE

Impact **about two different domains:**

- The impact on perception towards functional diversity in society
- The effects on the quality of life (QoL) of people with disabilities

CASE REPORT

Balance Outcomes Following a Tap Dance Program for a Child With Congenital Myotonic Muscular Dystrophy

Charlene Bircocchi, PT, DPT, Jaime Lynn Drohe, PT, DPT, MBA, CEJM, Lana Svien, PT, PhD, MA
Department of Physical Therapy, University of South Dakota, Vermillion, South Dakota

Purpose: This case report describes the effects of a 6-week progressive tap dance program on static and dynamic balance for a child with type 1 congenital myotonic muscular dystrophy (congenital MMD1).
Summary of Key Points: A 6-year-old girl with congenital MMD1 participated in a 1-hour progressive tap dance program. Classes were held once a week for 6 consecutive weeks and included 3 children with needs and 1 peer with typical development. The Bruininks-Oseretsky Test of Motor Proficiency, second edition (BOT-2) balance subtest and the Pediatric Balance Scale were completed at the beginning of the program and the sixth class. The participant's BOT-2 score improved from 3 to 14. Her Pediatric Balance Scale score improved from 3 to 14. Participation in a progressive tap dance class by a child with congenital myotonic muscular dystrophy, dance therapy, female, postural balance

Papers

Youths with Cerebral Palsy and Their Satisfaction with Recreational Services: Implications for Inclusion

Joyce Magill-Evans, Johanna Darrah & Robin Adkins
Pages 71-86 | Published online: 17 Nov 2010
Download citation | <https://doi.org/10.1080/14927713.2003.9649940>



Journal of Applied Sport Psychology
Publication details, including instructions for authors and subscription information:
<http://www.tandfonline.com/loi/uasp20>

A Direct Observation of the Dynamic Content and Structure of Coach-Athlete Interactions in a Model Sport Program

Jennifer Turnidge^a, Jean Côté^a, Tom Hollenstein^a & Janice Deakin^b
^a Queen's University
^b Western University
Accepted author version posted online: 11 Jul 2013. Published online: 11 Mar 2014.

RESEARCH ARTICLE

The Psychosocial Benefits of an Inclusive Community-Based Aquatics Program

Kathryn N. Oriol, PT, EdD; Victoria G. Marchese, PT, PhD; Ashley Shirk, PT, DPT; Lomni Wagner, PT, DPT; Emily Young, PT, DPT; Laurie Miller, PT, DPT
Department of Physical Therapy, Lebanon Valley College, Annville, Pennsylvania.

Baloncesto para todos

Unidad didáctica de baloncesto para 2º curso de educación secundaria obligatoria.
Autores: Salvador Pérez Muñoz, Alberto Rodríguez Cayetano, Antonio Sánchez Muñoz
Localización: EmásF: revista digital de educación física, ISSN 1989-8304, Nº. 39, 2016, págs. 72-91
Idioma: español

SCIENTIFIC EVIDENCE

ADAPTED PHYSICAL ACTIVITY QUARTERLY, 2004, 21, 330-347
© 2004 Human Kinetics Publishers, Inc.

An Inclusive Mastery Climate Intervention and the Motor Skill Development of Children With and Without Disabilities

Nadia C. Valentini
Universidade Federal do Rio Grande do Sul
Mary E. Rudisill
Auburn University

2015, *Revista*, 27, 140-145
© Copyright: Federación Española de Asociaciones de Docentes de Educación Física (FEADEF) ISSN: Edición impresa: 1579-1726. Edición Web: 1988-2041 (www.revta.org)
Propuesta de un programa de intervención educativa para facilitar la inclusión de alumnos con discapacidad en educación física
Propose of an educative intervention program for inclusion of children with disability in general physical education
Carmen Coete Calvo, Javier Pérez-Tejero, Javier Coterón López
Centro de Estudios sobre Deporte Inclusivo-Universidad Politécnica de Madrid

ORIGINAL RESEARCH ARTICLE

Investigation of the Impact of Sports, Exercise, and Recreation Participation on Psychosocial Outcomes in a Population of Veterans with Disabilities

A Cross-sectional Study

Wheelchair sport as a mechanism for altering the perceptions of the nondisabled regarding their disabled peers' competence.
Author(s): Hedrick, B. N.
Author Affiliation: Rehabilitation Education Center, Univ. Illinois, Urbana-Champaign, IL, USA.
Journal article: Therapeutic Recreation Journal 1986 Vol.20 No.4 pp.72-84 ref.1 fig., 2 tab., 29

REHABILITATION IN PRACTICE

Psychosocial impact of participation in the National Veterans Wheelchair Games and Winter Sports Clinic

MICHELLE L. SPORNER^{1,2}, SHIRLEY G. FITZGERALD³, BRAD E. DICIANNO^{1,4}, DIANE COLLINS^{1,2}, EMILY TEODORSKI¹, PAUL F. PASQUINA³ & RORY A. COOPER^{1,2,4}
¹Human Engineering Research Laboratories, VA Pittsburgh Healthcare System, Pittsburgh, ²Department of Rehabilitation Science and Technology, School of Health and Rehabilitation Sciences, University of Pittsburgh, ³Patient Safety Center, James A Haley Tampa VA, Tampa, Florida, ⁴Department of Physical Medicine and Rehabilitation, University of Pittsburgh, Pennsylvania, and ⁵Department of Orthopedics and Rehabilitation, Walter Reed Army Medical Center, Washington DC, USA

Neuropsychiatr Dis Treat. 2015 Sep 2;11:2287-97. doi: 10.2147/NDT.S89083. eCollection 2015.

The effectiveness of racket-sport intervention on visual perception and executive functions in children with mild intellectual disabilities and borderline intellectual functioning.

Chen MD¹, Tsai HY², Wang CC³, Wuang YP⁴.
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STUDY POPULATION



Functional
Diversity



No
disabilities



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STUDY POPULATION

The sample selection will follow a **non-probabilistic** methodology, with discretionary selection of the participants according to established **criteria**.



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RESOURCES



Where?

Who?

How?

World Badminton Federation 

Badminton Europe 

 Suomen Sulkapalloliitto
Badminton Finland

 FFBaD
Fédération Française de Badminton

 BADMINTON
FEDERAZIONE ITALIANA
F.I.Ba.

 University of Kent
University of Kent

 POLITÉCNICA
Technic University of Madrid

 ESPAÑA
BADMINTON

Spanish Sports Council  CSD
Consejo Superior de Deportes

Spanish Paralympic Committee  Comité Paralímpico Español



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INTERVENTION PHASES

1st PHASE

Development of the **documents and instruments** to manage, monitor, evaluate and disseminate the results

2018

2019

2nd PHASE

Pilot project with clubs in each participating country and two Universities

3rd PHASE

Expansion of the project to the rest of the clubs in the countries

2020



PREVIOUS TRAINING MANUAL

The **tasks proposed for the national coordinator of the B4ALL** project are suitable for the staff of the sport federations, including coaches, volunteers, referees, directives, among other...

They will have a specific methodology for the activities. However, the inclusive nature of these activities represents a novelty that will demand a previous, specific preparation, as well as the development of competences, in order to advise and coordinate the scheduled activities during the pilot programme.

THEORETICAL CONTENTS

Module 1: Functional Diversity and Sports

Module 2: Inclusive Badminton

PRACTICE

Module 3: Badminton4All Activities

- Promotion Events of Inclusive Badminton
- Inclusive training
- Inclusive competition





 Spanish

 English

 Italian

 Finnish

 French

1st PHASE

Development of the **documents and instruments** to manage, monitor, evaluate and disseminate the results

2018

2019

2nd PHASE

Pilot project with clubs in each participating country and two Universities

3rd PHASE

Expansion of the project to the rest of the clubs in the countries

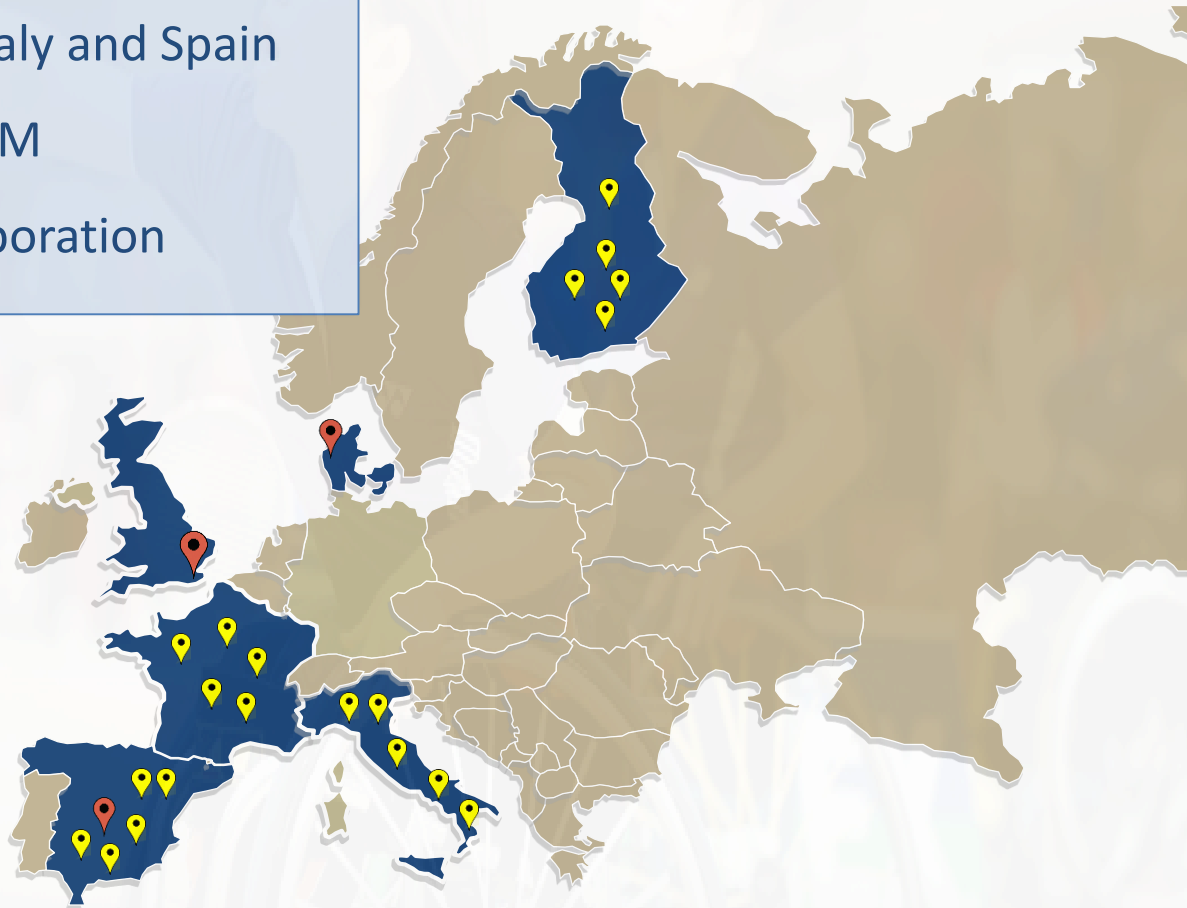
2020



PILOT PROJYECT

January - December 2019

- **5 Clubs:** Finland, France, Italy and Spain
- **2 universities:** Kent and UPM
- Institutional partners collaboration



1st PHASE

Development of the **documents and instruments** to manage, monitor, evaluate and disseminate the results

2018

2019

2020

2nd PHASE

Pilot project with clubs in each participating country and two Universities

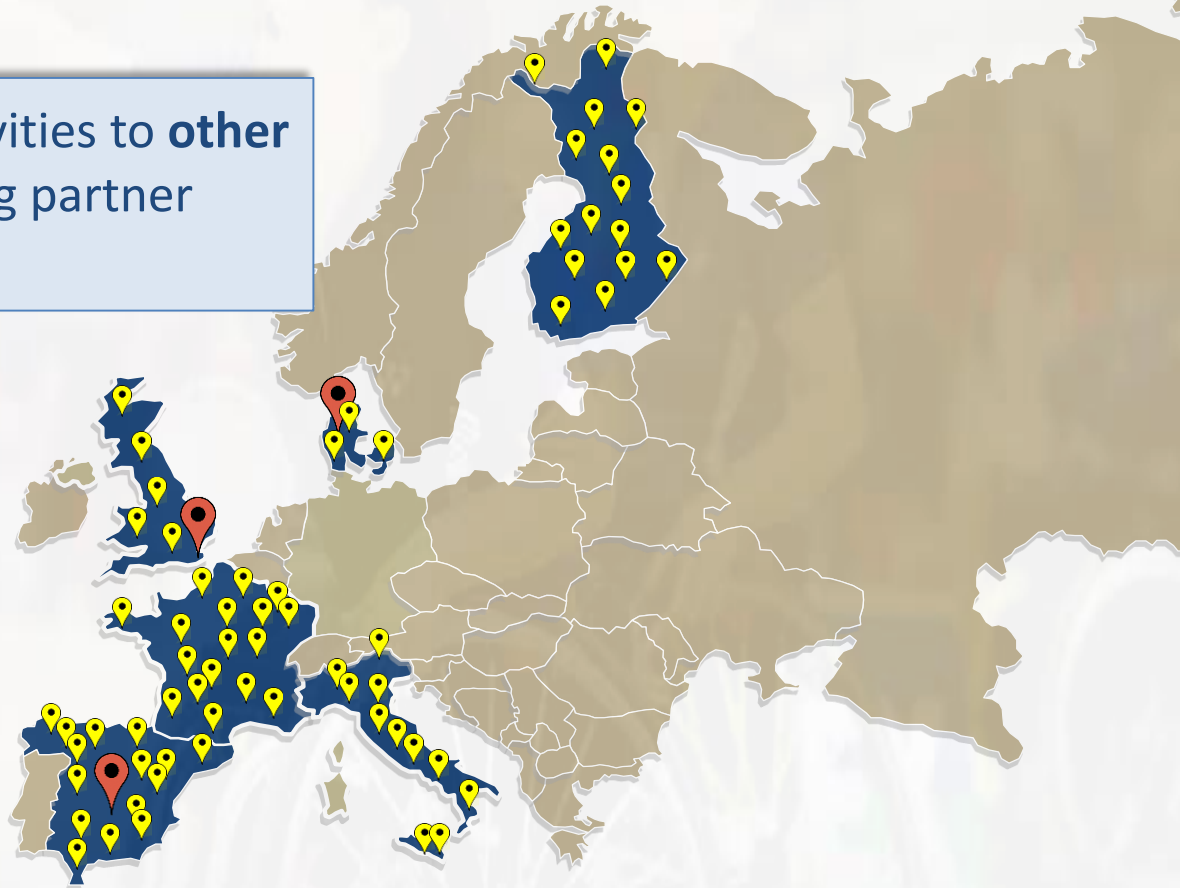
3rd PHASE

Expansion of the project to the rest of the clubs in the countries

DISSEMINATION PROYECT

January - December 2020

Dissemination of B4ALL activities to **other clubs** in the participating partner countries





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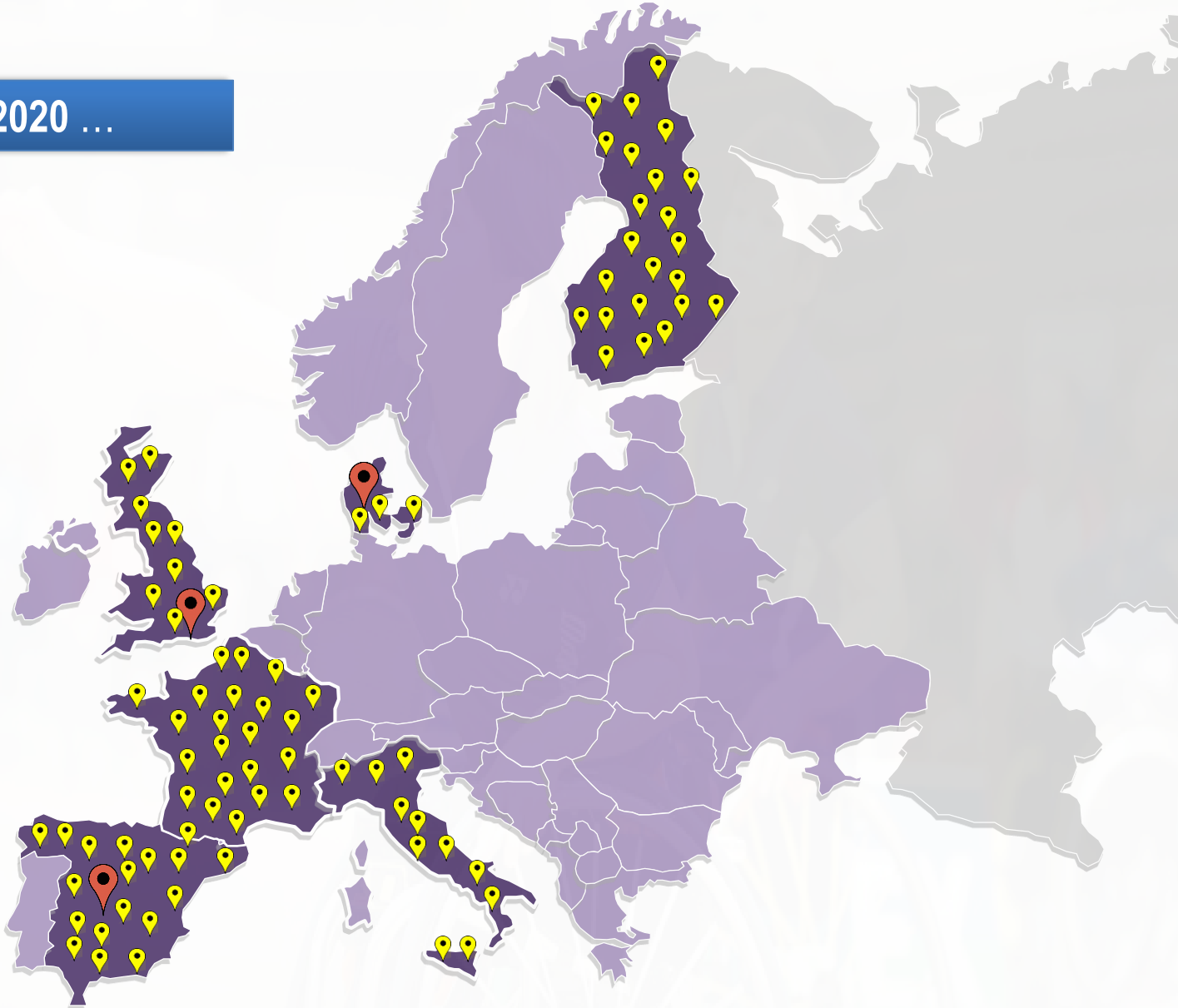


**National network of
inclusive badminton
clubs.**



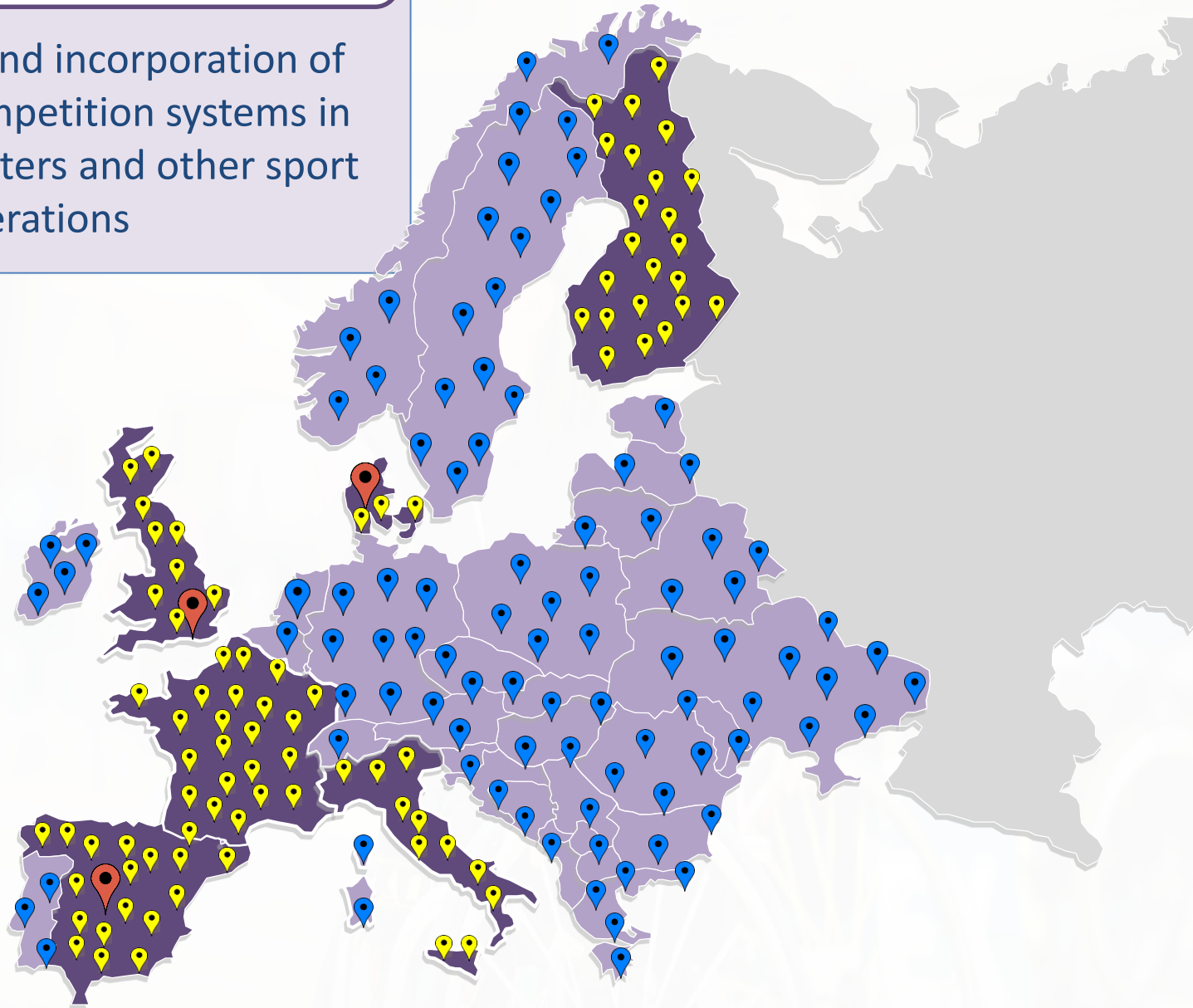
Suomen Sulkapalloliitto
Badminton Finland

AFTER december of 2020 ...



Extension to Europe

Dissemination and incorporation of practice and competition systems in clubs, school centers and other sport federations



1st PHASE

Development of the documents and instruments to manage, monitor, evaluate and disseminate the results

2018

2019

2nd PHASE

Pilot project with clubs in each participating country and two Universities

3rd PHASE

Expansion of the project to the rest of the clubs in the countries

2020



TOKYO 2020
PARALYMPIC GAMES



Special
Olympics



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OUTCOME EVALUATION

Table 1. Design of evaluation context

	PRE	INTERVENTION	POST	MONITORING (7 months)
Group 1				
• <i>WHOQoL-bref questionnaire</i>	X		X	X
Group 2				
• <i>Attitudes Towards People with Disability scale (ATPD)</i>	X		X	X



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WHAT TO EXPECT?

B4ALL Project will allow to measure the real **impact** of inclusive badminton activities on the inclusion of functional diversity, identifying possible differences:

Perception



QoL





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WHY NOT?



NUMBER OF PARTICIPANTS





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Badminton4All

European Network for the Promotion of Inclusive Badminton

HOME

B4ALL INFO

CALENDAR

PARTNERS

B4ALL NETWORK

PROGRAMME

DISSEMINATION



08 02 B4ALL Erasmus

08 02

B4ALL Erasmus+ Project Opening

Spanish High Council for Sport - CSD - hosted the Kick-Off Meeting of the Erasmus + Sport project 'Badminton4All - European Network for the Promotion of Inclusive Badminton'. The Spanish Badminton

Programme



Co-funded by EU



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European Network

<http://www.b4all.badminton.es/>





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