Delivery of sport science support in Great Britain Handball

appearances at the Olympic Games this summer. Roberts and Ross Hall describe the preparations of the Great Britain Handball teams for their inaugural As the second most popular sport in Europe starts to gain momentum in the United Kingdom, Claire-Marie

20 metre indoor court. paced, 7-a-side team game played on a 40 x prosperous professional sport. It's a fastby mainland European nations where it's a handball has traditionally been dominated form, and in its current form since 1972, An Olympic sport since 1936 in its outdoor

athletes playing handball both in the UK and overseas. By late 2006 three women 2012 announcement, the BHA began to of a high performance strategy. Post the Games, the National Governing Body; the British Handball Association (BHA), centre and base for the British athletes at was to establish a full-time national training high performance programme. The first step backgrounds. The next challenge ultimately fell to the BHA's Performance Director, BHA had recruited 30 athletes from various broaden the search. By spring of 2008, the (TID) initiatives (e.g., "Sporting Giants" and "Pitch to Podium") were employed to athletes, UK Sport talent Identification & Aarhus) to train. However, due to the limited number of recruited British handball to handball academies in Denmark (Oure and seven men had been recruited and sent for national squads involved searching an existing talent pool for the best British on the international stage. Recruitment assemble two teams capable of competing were already planning the development Despite such constraints and prior to from a slow start in generating interest Imited sporting structures in previous years has meant that the UK suffered UK's fastest growing sports, although amongst athletes and spectators alike orraine Brown, to create a world class ondon being awarded the 2012 Olympic Handball is currently one of the

> contracts, scattering them across Europe.
> This decision was vindicated when the the deep cuts in the high performance implemented to support both teams was The high performance plans and structure decentralise and seek professional programmes forced the athletes to men's and the women's squads. However, decision to continue to invest in both the centre closed in 2009 following a UK Sport compromised when the national training encouraging, it hasn't been all plain sailing support for this fledging sport was hortfall in funding. Although financial hardship beckoned, the BHA took the innouncement that there was a £50m Whilst the initial enthusiasm and

at the Olympics could be the springboard needed to ignite popularity in this country. With the Olympics in sight, and with 2012; recognition that showcasing the sport to offer 'credible performances' in London that It was satisfied with Handball's ability British Olympic Association announced and to create a legacy for the sport post

stages of preparation.
For the first time since establishing of centralising on home shores for the final just over a year to go, the BHA consulted with both squads regarding the possibility

partnership secured the use of GLL owned Project Homecoming' was the title of the new UK high-performance centre accommodation to house the women's facilities and a limited amount of on-site Greenwich Leisure Limited (GLL).This Sports Centre, in partnership with established at Crystal Palace National Great Britain Women's Handball



Courtery The British Handball Association (BHA) ve Great Britain Women's Handball in action

be self sufficient, with many holding down part-time jobs to fit in with their twice how to deliver a credible centralised high next challenge for British Handball was as perhaps it once was. Therefore, the to the organisation's financial constraints, the global economic situation has meant the toughest challenge yet was ahead of them. The athletes were all expected to disruption in the personal lives of these on hold, upping sticks and moving to putting their professional handball contracts training involved the majority of the squad training programme for the final 16 months approaching London 2012. Centralising performance programme with little to no that sponsorship is not as readily available daily, six days a week, training regime. To add athletes wasn't enough to contend with London for their final preparations. If the squad, who had opted for a centralised

pursue different paths.

national teams, both squads opted to

Handbal played for the first time in the Olympics	Great Great
British Handball Association founder in Liverpool	Dail Ime
ded	Great Britain play first International match v Italy 1959
GB compete in Olympic Qualification in Spain	1972
	BHA in talks with UK Sport re development of handball in UK
London arnounced as host city for 2012 Olympics	2005
3 women and 7 men reculted and sent to handball academy in Denmark	BHA searches handball talent pool for British athletes 2006
Adhletes called to 12 wk intensive training programme in Sheffield	National training centre established Aarhus Denmark 2007

squads more than half are volunteers the sacrifices made by the athletes, many of the support staff offer their services on a voluntary basis, juggling their time between GB Handball and their 'day jobs'. In fact, of the 20+ staff utilised by both appointments were made for both squads to supplement the core coaching teams, including the learn Managers, Strength and a team of support staff that met the squad's needs. Part-time form of a dedicated Performance Lifestyle Advisor and the BOA Conditioning Coaches/Sports Nutritionist, Chief Medical Officer, Physiotherapist. These provided a stable foundation for creating with the Head Coach (part-time), Assistant Coach and Lead who land a hand with ad hoc Physiology support. In recognition of Further high performance support is provided by UK Sport in the sport Psychology Consultants, Osteopath and a Sports Masseuse The prioritisation of the appointment of key roles began

performance outcomes. a tough contest. This somewhat unorthodox squad composition has reinforced the importance of tailoring any sport science interventions to the individual in order to deliver measureable. support to the centralised programme is the sheer diversity of individual athletes. There is a 15 year age gap between the oldest and youngest players, two full-time mothers, athletes from different athletes with more than twice the experience has the makings of and levels of representation. With an average age of 22 and sporting backgrounds (handball, hockey, rugby, basketball, football) around 45 international caps per athlete, going head to head with One of the biggest challenges in the provision of sport science

support. Furthermore, the ability to closely monitor the progress centralising the team has allowed for a relative ease of sport science delivery. The ability to intervene in a timely fashion has accelerated the ability of the women to compete at international the effectiveness of the work undertaken. On a performance of each athlete in every discipline provides valuable feedback on opened up opportunities to engage in proactive intendisciplinary the provision of support to the high performance programme. level, It is clear that centralising the team has helped to increase communication and cohesiveness of the squad which in turn, has Despite limited means and the reliance on goodwill for

Great Britain Men's Handball

sides, only 126 days of direct contact was able to be scheduled to their respective clubs. Although more than most other national support and BHA staff due to restrictions on player release from to the women's squad. They opted to decentralise and focus on playing handball at the highest level attainable across Europe. men to approach their Olympic preparations in direct contrast combination of personal, educational and financial reasons led the Following the 2009 funding cuts, some players remained in Aarhus, but had to contend with often difficult and cramped living conditions. At one point, six players shared a two bedroom flat. A stralisation has meant limited contact with sport science

the use of internet voice calling software (e.g., Skype) and secure alternative ways of delivering sport science support. For dosed group pare one of our newest teams for their first Olympic Games. To operate effectively within these limitations, staff has devised pages on Facebook has broken down the barriers

> consolidated team report allowing them to approach each player individually, to set and review goals, provide advice or to highlight of long-distance 'decentralised' communication. This allows players and games played. Additionally, each staff member receives a weekly weekly reports, providing updates on injuries, training completed and staff to stay in touch on a weekly basis with players posting

for the team and its respective performance outputs. physiotherapylmassage; sports medicine pre-hab screening media training: BOA updates; etc. it could be argued that one of the major monitoring of athletes' well-being and training becomes essential together every spare minute must be used. Therefore, remote flaws with decentralised programmes is the perception that when analysis with follow-up educational sessions and one-to-ones: meetings; fitness testing and measurement, psychological needs training sessions per day, rest periods; technical and tactical During training camps, schedules are full, with two 2-hour

80 caps less than other Olympic teams. The end, however, is within sight as the men looked forward to reforming in Serbia, in May, Although the facility is available for use, decentralisation presents difficulties in coordinating training and match days within it. When the team is together, much of the time is spent abroad gaining has opened it has housed a number of matches, including a test Decentralisation has also generated other issues from both organisational and team perspectives. Since the Handball Arena after the Games. phase of the preparation period. They will remain together until before travelling back to the UK and undergoing the final selection has been used just a handful of times for training international International match experience, therefore the Olympic facility surroundings, arguably a critical component of home advantage access the competition venue and to become accustomed to its event. Being centralised has given the women's squad flexibility to experience is critical for this young squad who hold, on average

and create a viable sporting legacy. However, ultimately being competitive at our first Olympic Games remains a priority, as all win (against Bulgaria in 2010) and improved performances against world class opposition in recent months. The women's team have what have been consistently challenging circumstances. staff and athletes continue to strive to be the best prepared, under Russia. Both teams are on track to raise the profile of handball ranked countries, and a narrow defeat to reigning world champions shown commandable improvements, recording victories over high the past 6 years and have approached Olympic preparation in contrasting ways. The men's team have had their first international Both squads have shared similar challenges and hardships during





of Glamorgen and for British Hundball. She is a BASES probationary sport and

Ross Hall Ohychol Ross works at the University of Ross works at the University of

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London 2	exercise scientist.	Gamogan and for British Hands He is a BASES accredited sport a
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Landhall twoms	recruited for British	30 athletes now	numbers to	TiD bolsters

scatter around decentralise and Handball teams

Jan 2010 Meris first official

June 2010 Men's first win v Bulgaria

training in London decide to centralis

Olympic Games (July 28th - August)

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Nov 2008 Women's first official competition	30 athletes n recruited for Handball teat 2008	
UK Sport amounce funding out to Handball	ow British ms 2000	

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Women win first internation Sept 2009

Handball team can compete in Olympic Game that British BOA announce

Nov 2010 win v top 16

Women's first

Olympic Park, Handbal Test Stratford Women's

Women's first win v African Champions (Angola)

2012 competitive game v South Africa Men's first top class March 2012

Nov 2011