|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| A\_ \_ L\_ \_ \_ \_  \_ \_ \_ \_ S | [Image result for drugs in sport](https://www.google.co.uk/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=2ahUKEwjJ7862qfjZAhUDwxQKHeR0Dm8QjRx6BAgAEAU&url=https://www.trainmag.com/health/performance-enhancing-drugs-sports/&psig=AOvVaw2eJTzADyzjzmV--h4fE6vF&ust=1521546718251991)  Drugs &  M \_ \_ \_ \_ \_ \_ \_ | [Image result for olympic swim suits](http://www.google.co.uk/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=2ahUKEwj408_UqfjZAhWLPxQKHcKGCR4QjRx6BAgAEAU&url=http://blogs.denverpost.com/olympics/2016/05/13/speedo-unveils-olympic-swimsuit-worn-missy-franklin/27105/&psig=AOvVaw08sU6gzzEOwTuiOu0_CJXe&ust=1521546790086327)Cl\_ \_ \_ \_ ng | [Image result for 4g olympic legacy surfaces](http://www.google.co.uk/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=2ahUKEwiRyNWaqPjZAhVJbhQKHVYYAmYQjRx6BAgAEAU&url=http://mcardlesport.co.uk/category/blog/&psig=AOvVaw1O-vSGnlwfgur_AQZ73dwt&ust=1521546393104851)  S\_ \_ \_ \_ \_ \_s | S \_ \_ \_ \_ \_ \_ \_ G |
| [Image result for london olympic legacy facilities](https://www.google.co.uk/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=2ahUKEwiypMnNp_jZAhWBvBQKHZCnBIkQjRx6BAgAEAU&url=https://www.independent.co.uk/sport/olympics/olympics-legacy-did-the-games-succeed-in-rejuvenating-east-london-8711691.html&psig=AOvVaw0TzTT9Lb74AUWO4thqktyi&ust=1521546234768008)F\_ \_ \_ \_ ities | Equipment/  M\_ \_ \_ rials | M\_ \_ \_ \_ | [Image result for creatine](https://www.google.co.uk/url?sa=i&rct=j&q=&esrc=s&source=images&cd=&cad=rja&uact=8&ved=2ahUKEwiK4ontp_jZAhVCthQKHZxrBwgQjRx6BAgAEAU&url=https://www.supplementworld.co.za/optimum-nutrition-micronized-creatine-powder.html&psig=AOvVaw0pcvUGOQN23FrGR83N1-Yo&ust=1521546309204495)  S\_ p\_l\_ \_ents | Drug t\_ \_ \_ ing |

= positive impact

**PE**

**Revision**

*More immediate, reliable feedback e.g. analysis apps*

= negative impact

*Safer – e.g. stronger cricket helmets*

Performer

Sport

Coach

Audience

*Breaks in play e.g. waiting for video ref decision*

*Olympic legacy facilities for years to come e.g. Olympic Stadium*

\_ \_ \_ H – S \_ \_ \_ \_ Camera

(Frame-by-frame p \_ \_ \_ -b\_ \_ K)

Provides data on:

G\_ \_ \_ analysis – e.g. pass completion, body position/ p \_ \_ \_ \_ \_ \_ , identifies e \_ \_ \_ \_ \_

S\_ \_ \_ \_ -based N \_ \_ \_ \_ \_ \_ \_ \_ n system

Tracks performers’ m \_ \_ \_ \_ \_ nt

Provides data on S \_ \_ \_ \_, D \_ \_ \_ \_ \_ \_ \_ n, A \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ , D \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ n, D \_ \_ \_ \_ \_ \_ e covered

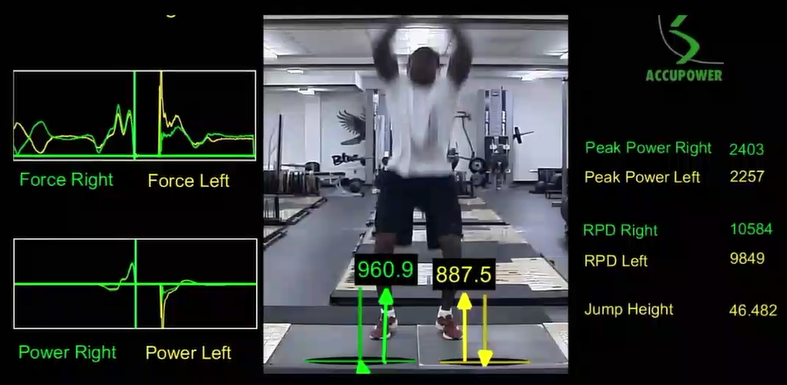
Quantitative Data = N \_ m \_ \_ \_ \_ \_ \_, O \_ \_ \_ ctive

B \_ \_ \_ \_ \_ ing apparatus

Measures \_ \_ used and \_ \_ \_ breathed out

Provides data on \_ \_ D \_ \_ \_ \_ T

C \_ \_ \_ \_ \_ \_ ETRY (REE), VO2 Max, Respiratory Exchange \_ \_ \_ \_ \_ (RER)



**Video Analysis software**



Metabolic Cart Software



**GPS motion tracking software**

RER used to monitor training intensity

VO2 Max scores identify talent for aerobic sports