

I Bike Team Equipment

Equipment & Resources available for Officer use

Across the team we have access to a wide variety of equipment and resources, some kept locally in your respective project areas, others are kept and managed centrally by the IBM Team.

A summary of these centrally kept resources can be found below. Any officer wishing to promote their resources to other I Bike project areas then please contact [Gordon](#).

Pedal Powered Cinema

Equipment Summary

A fully self-contained and powered media and projector unit, comprising of three bikes mounted on A-Frame/Turbo stands (2x BMX and 1x Adult) with inbuilt dynamo generators, linked to a speaker and projector.

Rider's cycle to generate enough energy to power the projector, sound system and media controller.

The Pedal Powered Cinema can be used to show short films, play music or display picture slideshows. All existing media is contained on a USB hard drive, consisting of a variety of short to medium video content across a variety of themes (cycle stunts, dancing, sustainability/climate and cycle skills).

Unfortunately there is no capacity to link to other media outputs such as laptops or DVD players

How to book this:	Contact your Line Manager /Complete Booking Form
Transport Requirements:	Small Van (V1) – Collect from Edinburgh Office
Group Ratios/Sizes:	Full Classes/School Assemblies
Suitable participant ages:	P2/3 upwards for riding smallest bike.
Other notable requirements:	None



Skills Kit

Equipment Summary

Provided by [Sender Ramps](#), we now have a purpose built, compact wooden cycle skills kit available for officer use.



Comprising of eight features, the kit will facilitate basic to intermediate rider skills progression building on skills previously developed within the playground through Bikeability Level 1 or similar.

Due to the 500mm wide ramps and tabletops, some features can be used with balance bike riders through to more experienced secondary school pupils.

Feature List: 2x Table Tops, 4x Entry/Exit Ramps, 2x Balance Beam or 1x Balance Beam, 1x RockNRoller and 1x Seesaw

How to book this:	Contact your Line Manager/ Complete Booking Form
Transport Requirements:	Small Van (V1) or Carla Cargo Trailer
Group Ratios/Sizes:	1:8 Max (min 2 adults present)
Suitable participant ages:	Dependant on features used.
Other notable requirements:	There must be a suitably qualified (MBL/TCL)* staff member present.

*Staff without qualifications, may still use the skills kit following discussion and agreement with respective line manager

LED Light Kit

Equipment Summary

A simple turbo stand dynamo generator, linked to a chain of LED lights which progressively light up as more power is generated by the rider.

This has no connection or links to the Pedal Cinema, however could be used in conjunction to provide further opportunity to highlight human/pedal power capabilities.

How to book this:	Contact your Line Manager
Transport Requirements:	Small Car or Cargo Bike/Trailer
Group Ratios/Sizes:	No restrictions
Suitable participant ages:	Subject to size of bike used
Other notable requirements:	Local Officers will need to provide a bike, only lights and stand/dynamo is included.



Torque Wrenches & Accessories

Equipment Summary

For use when building bikes or conducting servicing.

We have two sizes of Torque wrench and accompanying bits available for **short-term loans**.



- TW 6.2 - range of 10-60Nm
- TW 5.2 - range of 2-14Nm
- SBS 1.2- socket and bit set.
- TWB 15 - 15mm Crows Foot (pedal installations)

How to book this: [Contact your Line Manager](#)
Transport Requirements: [Collect from Edinburgh Office/Line Manager](#)
Other notable requirements: [None](#)

4K Action Cameras

Equipment Summary

Each coordinator has a small Action Camera available for use during planned sessions. These can be used to record individual activities or could be loaned to schools to complete video diaries during journeys to school etc.

Each camera has a variety of accessories including waterproof housing, remote control, assorted mounts handgrip and comes with 2x 1050mAh batteries.

If you have a requirement for multiple cameras please discuss this with your respective line manager.



***Memory cards cannot be inserted into Sustrans Laptops due to the encryption software.**

How to book this: [Contact your Line Manager](#)
Transport Requirements: [Collect from Edinburgh Office/Line Manager](#)
Other notable requirements: [Ensure photo consent is confirmed before use.](#)

Insta360 ONE R Camera

Equipment Summary

In 2020 we purchased an Insta360 Camera, which as the name suggests takes 360degree footage.

This camera would be great for capturing led walks or rides or cycle skills sessions using the skills kit.

Each camera has a variety of accessories including and extra long selfie stick, case etc.

If you have a requirement for multiple cameras please discuss this with your respective line manager.



***Memory cards cannot be inserted into Sustrans Laptops due to the encryption software.**

How to book this: [Contact your Line Manager](#)
Transport Requirements: [Collect from Edinburgh Office/Line Manager](#)
Other notable requirements: [File size is massive and requires a high powered computer for processing.](#)

E-Bike Fleet

Equipment Summary

Across the team we have a number of e-bikes being used within our respective project areas, these include a mix of e-cargo bikes, e-hybrids bikes and cargo trailers.

Several of these bikes have been funded through EST (Energy Savings Trust) with agreement that we make bikes available for public demos and loans.

If you have an event where you think E-Bike demos would bring benefits, then please discuss your requirements with your line manager.

Note: Bikes will only be available for demos, subject to operational requirements within their respective project areas.

We also have a small 8 bike fleet of e-hybrid bikes, ideal for short-medium term loans for Champions, Local Authority Contacts etc to promote sustainable and active travel. Currently these bikes are being used within the Inverness area, but could be relocated subject to demand.

In early 2021, we are expecting a delivery of 23x Merida Step through E-Bikes which will be distributed across the team (aprox. 2x each) these will be loaned to School Champions to promote and encourage active travel to school following a similar outline as the Ridgeback Bikes.

Type	Qty
Tern GSD	X7
Larryv Harry e-Bulitt	X2
Carla Cargo Trailer	X6
E-Hybrid (Ridgeback)	X8
Champions E-Bikes (due 2021)	X23

How to book this: [Contact your Line Manager](#)
Transport Requirements: [Van V3.](#)
Fleet Info: [Medium and Large – Step Through and Top Tube Styles](#)
Other notable requirements: [Requires formal hire agreements and mileage tracking to be completed by individual users.](#)