

Manchester United Old Trafford Stadium



Manchester United
Old Trafford Stadium Pitch

About Old Trafford:

- Stadium capacity: 75,000
- 24 conferencing suites
- 400 staff
- Hundreds of suppliers
- Home to the Manchester Utd Museum and the Manchester Utd Foundation
- Home to Manchester Utd Football Club

The WRAP Resource Management Plan (RMP) for events is a free online tool which can be used by event organisers and suppliers to create an action plan for managing and reducing event waste.

The online tool, developed with industry input, assists organisers to develop a waste management strategy for their event. It asks them to identify types of waste generated at the event and suppliers to select and implement actions to create resource efficiencies, which can lead to cost savings. The tool encourages organisers and suppliers to identify opportunities to reuse items and reduce event waste. It provides a clear route for event organisers to communicate their waste management objectives and targets with their supply chain. It also provides a portal to monitor and measure supply chain commitments, waste measurements and produce event waste reports throughout the life cycle of an event or group of events, and supports event practitioners in meeting social responsibilities.

The Manchester United Old Trafford Stadium has made an on going commitment to become a more sustainable and resource efficient venue. As part of this commitment the Old Trafford Stadium agreed to review and test the RMP tool for events during its development and identified some potential benefits from its use within its business. The key elements that Old Trafford found to be beneficial are highlighted below:

Flexibility:

In order to adopt and embed the RMP tool (and the RMP process) it would be essential for the facilities staff to be able to use this system to support and fit in with their existing ways of working.

Every week Old Trafford Stadium hosts a variety of events which may include:

- a full stadium capacity football match;
- a 1,000 delegate conference and exhibition; and
- a series of training workshops for around 20 people.

Waste from individual events at the stadium is combined into the overall stadium operational waste, which is monitored and measured on a monthly basis, and the facilities staff therefore chose to trial the RMP tool with this in mind, rather than a one off event.

The flexibility of the RMP tool allows it to be applied over any length of time that suits the event organiser, for example this could be a 1 day conference, a 10 day experiential show or a whole football season.

- **The Old Trafford stadium has achieved:** Accreditation for the Carbon Trust Energy Efficiency Standard

The Manchester Utd Museum has been awarded:

- Green Tourism Business Scheme Silver level award

The Old Trafford stadium is currently working towards:

- BS 8901; British Standard for Sustainable Event Management (future ISO 20121)
- ISO 14001; International Standard for Environmental Management
- ISO 18001; International Standard for Health & Safety

Internal and external supply chain engagement

The stadium has over 400 members of staff, across various departments who all act as internal stadium suppliers and they also have hundreds of external suppliers. Therefore it was essential to understand how the RMP tool could systematically support the development of a waste RMP for the stadium which engaged both the internal departments such as marketing and catering as well as the external supply chain.

By using the RMP tool it could:

- Provide a central platform to bring all of the waste management information together;
- Create a waste management and minimisation plan for the stadium event operations;
- Generate a waste report based on the stadium waste data; and
- Provide an opportunity to review and improve resource management and waste for future events.

Development of a Waste Management Plan

Old Trafford could use the RMP tool to develop a waste management plan using their existing waste monitoring information. The RMP tool allows the input of information about each of the different waste streams they have at the stadium, and further details can be captured to develop the waste management plan, including:

- where the bin will need to be available (front/back of house);
- who will collect the waste and where the waste will be taken; and
- how the waste will be processed (e.g. recycled/land filled).

This would bring together all of the information on waste management into one central place that all the suppliers could access and view.

Venue	Event Phase	Front of house	Back of house	Collected waste stream	Waste end destination
Old Trafford Stadium	Pre Event	No	Yes	Cooking oil	Reprocessing
Old Trafford Stadium	Pre Event	No	Yes	Glass	Recycling
Old Trafford Stadium	Pre Event	Yes	Yes	Cardboard	Recycled
Old Trafford Stadium	Pre Event	Yes	Yes	Paper	Recycled
Old Trafford Stadium	Pre Event	No	Yes	Metal cans	Recycling
Old Trafford Stadium	Pre Event	No	Yes	Pitch spoil	Composting
Old Trafford Stadium	Pre Event	Yes	Yes	Plastic bottles	Recycling
Old Trafford Stadium	Pre Event	Yes	Yes	General waste	Energy Recovery

Identifying Supplier Waste Reduction Actions

The RMP tool also provides a mechanism for the suppliers to the event to identify and commit to waste minimisation actions to assist with reducing event waste. The RMP tool offers a list of potential waste reduction actions to select from, as well as an opportunity to create bespoke actions. Once completed this provides an individual waste management and minimisation plan for each of the suppliers, which feeds into the overall plan for the whole event.

Example of catering Supplier Waste Actions include:

- Use returnable packaging. For example, supply bread in reusable produce trays or crates.
- Monitor wastage and adjust portion sizes accordingly to provide customers with the right sized portion.
- Use reusable/washable napkins, table cloths, towels etc where feasible.

Once the suppliers waste actions had been approved by Old Trafford, the waste management and minimisation plan can then be used to implement the agreed waste reduction actions.

Monitoring and Reporting

Another key benefit of the RMP tool is its ability to report waste data and review actions. Once events are completed data can be added to the monitoring section, which is then automatically populated into various reporting templates; Overview Report and Venue Report plus a Post Event Review.

These post event reports provides a succinct way of communicating how the waste was managed at the event.

This information can be used to:

- identify where improvements can be made; and
- communicate waste management information clearly to senior management.

“The reports will be useful and provide a central reporting point for everyone”

Ian Collins, Facilities Manager

“This online system contains useful elements which will support the stadium to build on our existing waste management strategy and further engage with our supply chain. The supply chain actions provide practical ideas to help identify where areas to improve in. To effectively implement this system the stadium will need to engage with their core supply chain to explain why improvements must be made and using this online tool could significantly help the stadium to improve its resource efficiency as a result. By translating the stadiums existing measurement methodology into the online system, the monitoring and reporting stages will provide a central point for everyone involved to understand the stadium waste management situation and where improvements can be made”.

K. McIntosh, Health, Safety and Environmental Manager

Manchester Utd, Old Trafford Stadium next steps:

- Train a member of staff to use the system effectively at the stadium.
- Investigate what actions can be taken at the stadium to reduce waste and become more resource efficient.
- Engage with core suppliers and understand how partnerships can be created to address resource efficiency.
- Develop event waste management and minimisation plans.
- Understand how to effectively monitor and measure venue waste to feed into RMP tool.
- Use reporting function of RMP tool to communicate data and results and understand where improvements can be made for future events.

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