



**PROJECT  
DAEDALUS**



# introduction

## PROJECT DAEDALUS

Welcome to the **Project Daedalus toolkit**, a resource for artists, curators, and producers to help realize projects that use and interrogate drones (also known as unmanned aerial vehicles, or UAVs, and quadcopters) for creative purposes.

Here you'll find a **QUICK START** guide to understanding drone types and uses; an **INSPIRE ME** area with case studies and examples of drone art in action; a **HISTORY & CONTEXT** area featuring examples of drones throughout history and in sci-fi, as well as insights into current drone development and inclusivity; and a **CREATIVE PRODUCTION** area with technical and legal information to help you produce and evaluate your own drone art projects.

*Produced by Abandon Normal Devices and the University of Salford with technology partner Marshmallow Laser Feast, Project Daedalus aims to share knowledge and inspire drone pioneers around the world. Let us know how you use our resources - we'd love to feature your project on our site.*

PROJECT DAEDALUS \* <http://www.andfestival.org.uk/projectdaedalus>



# HOW IS YOUR AUDIENCE RECEIVING THE WORK?

## LIVE ON-SITE

spectator/  
crowd

### Things to consider:

Tracking system  
Audience viewing area  
Accessibility of location  
Permissions for flying  
Back up pilots  
Lines of sight

CAA Regulations  
Health & safety  
Weather (outdoors)  
Battery Life  
Noise (drones can be loud)

live stream  
to screen

live stream  
to VR headset

live stream  
to FPV headset

As above + :

Bandwidth  
Live feed tool  
Size of screen  
Resolution  
of feed

As above + :

Bandwidth,  
Live feed tool  
Headset (wire-  
less or wired?)  
Shared or solo  
view?

As above + :

What headset?  
Will the feed  
go to multiple  
headsets?

## LIVE OFF-SITE

stream to screens  
- projector, PC,  
tablets, laptops,  
mobiles

stream to  
devices - FPV  
headsets,  
VR headsets

### Things to consider:

Shared viewing? (eg live  
screening; shared VR  
experiences coming soon)  
How film appears on devices  
Backup plan in case of  
failure in live link

## AS FILM

offline screens

web, not live

### Things to consider:

Format  
360 degrees?  
After effects and  
editing  
Distribution









**PARTICIPATORY**

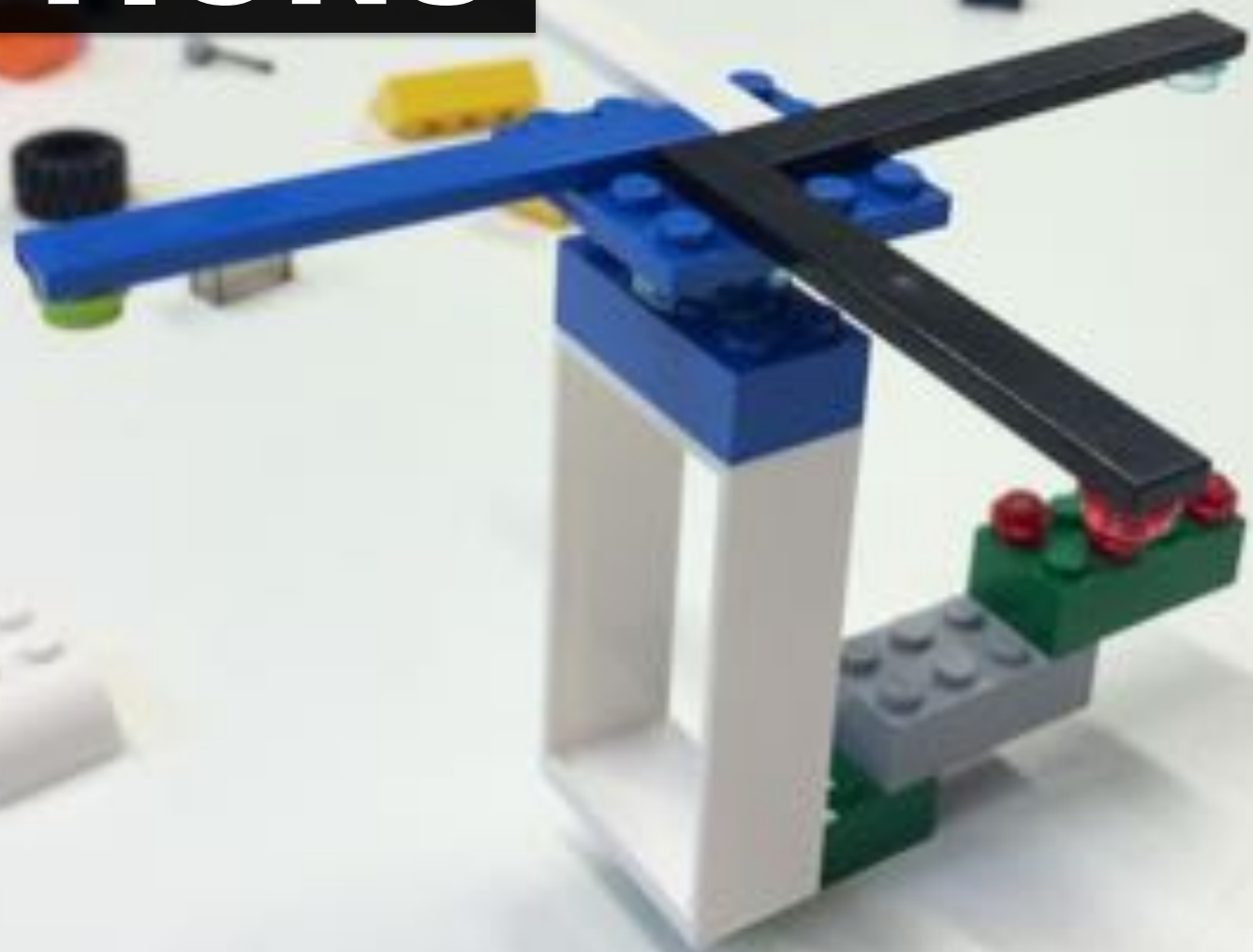
**PERFORMANCE**





**ENABLING  
CONTROL**

# BESPOKE SOLUTIONS



# DRONIE SOCIETY





PRODUCING PARTNERS //



**MARSHMALLOW  
LASER FEAST**



University of  
**Salford**  
MANCHESTER

FUNDED BY //



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