Publishable short non-confidential summary
Two printers are described addressing different print areas and implementing different functionality.

For printer 1 (ITA) an overview of the system is provided. The main frame and table is discussed as well as the print head. Control parameters are provided,

For printer 2 (UoS) the following is discussed:

- The rationale for the printer is given,
- The trade-offs involved in print size selection
- Curing mechanisms and evaluation
- Multiple ink implementation
- Colour printing
- Print table levelling
- Complex shape printing
- Infill pattern selection
- Specification and cost
- Ink development and testing
- Printer trials with CREATIF software
Contact details:
Project co-ordinator: Dr John Tudor (mjt@ecs.soton.ac.uk), University of Southampton.

Project officer: Mikolt Csap, European Commission.

Project website: www.creatif.ecs.soton.ac.uk

Project partners:
UoS – University of Southampton (ECS) – http://www.ecs.soton.ac.uk/ - UK

ITA - RHEINISCH-WESTFAELISCHE TECHNISCHE HOCHSCHULE AACHEN -
http://www.ita.rwth-aachen.de/ - Germany


Diffus – Diffus Design - http://www.diffus.dk/ - Denmark

Base – Base Structures Ltd - http://www.basestructures.com/ - UK


Ardeje – Ardeje - http://www.ardeje.com/ - France