

## **Birmingham, 20/01/15 – Delcam, Birmingham – Q5 meeting: demonstration pieces are taking shape!**

The Q5 meeting was held at Delcam, in Birmingham, with all project partners attending and updating the rest of the consortium on the progress towards achieving the overall project aim, which is to demonstrate the viability of precious metal AM within the UK Jewellery industry from design and manufacturing through to finishing, polishing and retail. Chris Lewis Jones of Delcam, project coordinator, opened the meeting which focused on the demonstration pieces and the collections that are being prepared.

Partners confirmed that 8 final demonstrator pieces would be produced, consisting of 4 individualised pieces, 2 co-created, and 2 collaboratively co-created, with these variants requiring different levels of client involvement. 4 of the demonstrator pieces are scheduled to be delivered in the next quarter which will prove to be both exciting and challenging.

Project partner JIIC, the Jewellery Industry Innovation Centre, held an Industry Dissemination Meeting on 30th October 2014 in Birmingham's famous Jewellery Quarter. 18 carefully selected key players of West Midlands companies working within the industry attended the focus group, including jewellery manufacturers, machinery suppliers, material suppliers, and the Assay Office. The session consisted of Q&A and discussions around topics including the current up-take of the laser sintering process, and how long until sintering makes firm inroads into the industry, alongside traditional casting methods. Conclusions drawn are that cost and quality of the build and finishing/polishing are the most important factors to stakeholders. The Precious project will need to share its knowledge with the stakeholders and in the process demonstrate to them potential routes for adopting this technology into their current business model.



*Project partners in deep discussion!*

There are several events and exhibitions where partners would like to promote the developments and discoveries of the Precious project and a lot of hard work is needed over the next quarter to achieve this. The AM software, as developed by Delcam, will continue to be tested and developed to support the preparation of the parts, designed by Lionel T Dean of Future Factories, the JIIC and Cookson Precious Metal, where they will be layer manufactured. Further finishing and polishing experiments will take place at Fintek, including methods for protecting items such as beads within designs. Exciting times ahead and we are all looking forward to sharing the finished pieces with you!

### **Acknowledgements**

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