

Market Analysis and Development Prospect for Metamaterial Industry in China Proposal

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Abstracts

1. INTRODUCTION

Currently, most of the researches on metamaterial are based in the U.S. and government is the major investor for these projects. The same applies to China, where government is the major source of investment.

In China, private organization, university research institutes and a few companies form the major part of metamaterial research. Kuang-Chi Institute of Advanced Technology is a leader in metamaterial research and it far outnumbers the runner up. Besides, Kuang-Chi is the only institute that managed to turn the technology into commercial use.

Cost effective manufacturing technique is crucial to the commercialization of metamaterial, which can be used in making better devices such as super lens and satellite antenna. It is estimated that metamaterial will enter the niche market soon and become mainstream material in the next 10 years.

In this report, ASKCI will disclose market potential and commercial opportunities for metamaterial in China. Recommendations will be given at the end of the report to describe the prospect and provide suggestions for strategy making.

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