

# Form & Function Toolkit: printed electronics for unconventional interfaces



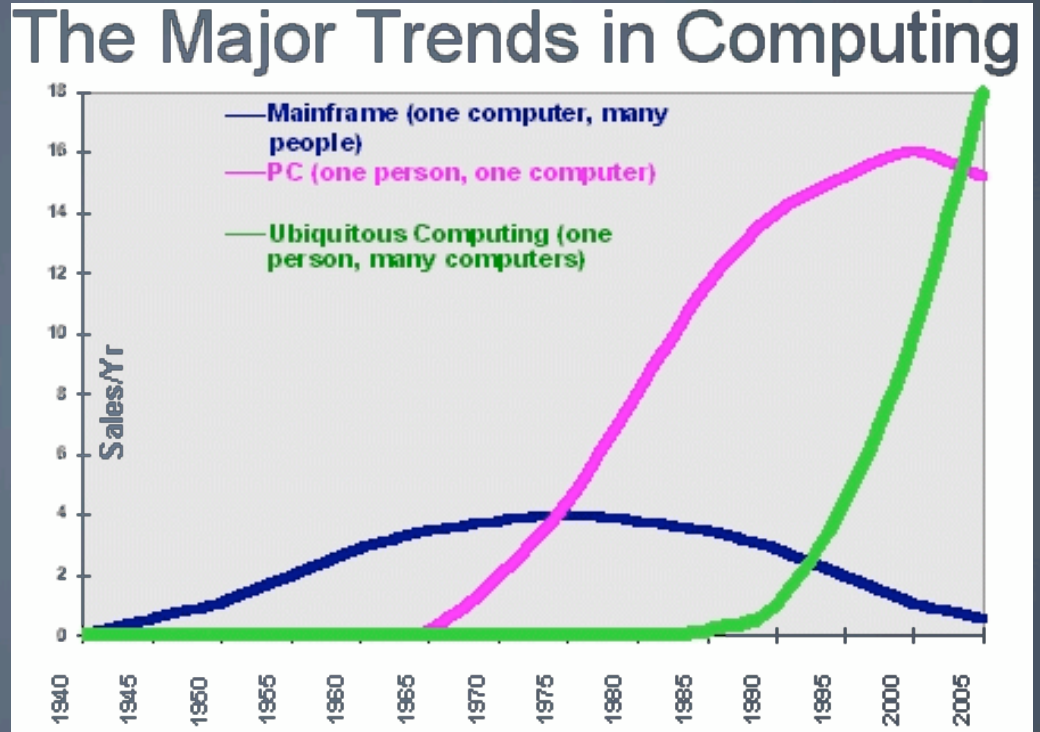
Bauhaus-Universität Weimar, Main Building

*fingies*

# Introduction

Jens Geelhaar

# Ubiquitous Computing



Marc Weiser // Ubiquitous Computing

"The Computer for the Twenty-First Century," Scientific American, pp. 94–10,



# Mobile Devices



25 years →



1983 // (DynaTAC 8000X)

The first commercially available mobile phone (3.995\$)

Source: Wikipedia / Photo: Redrum0486

# Location Based Services



T. Weiss,U. Straub, J.Geelhaar, 2004 :

Digital Osmantium, Location Based Museum Information

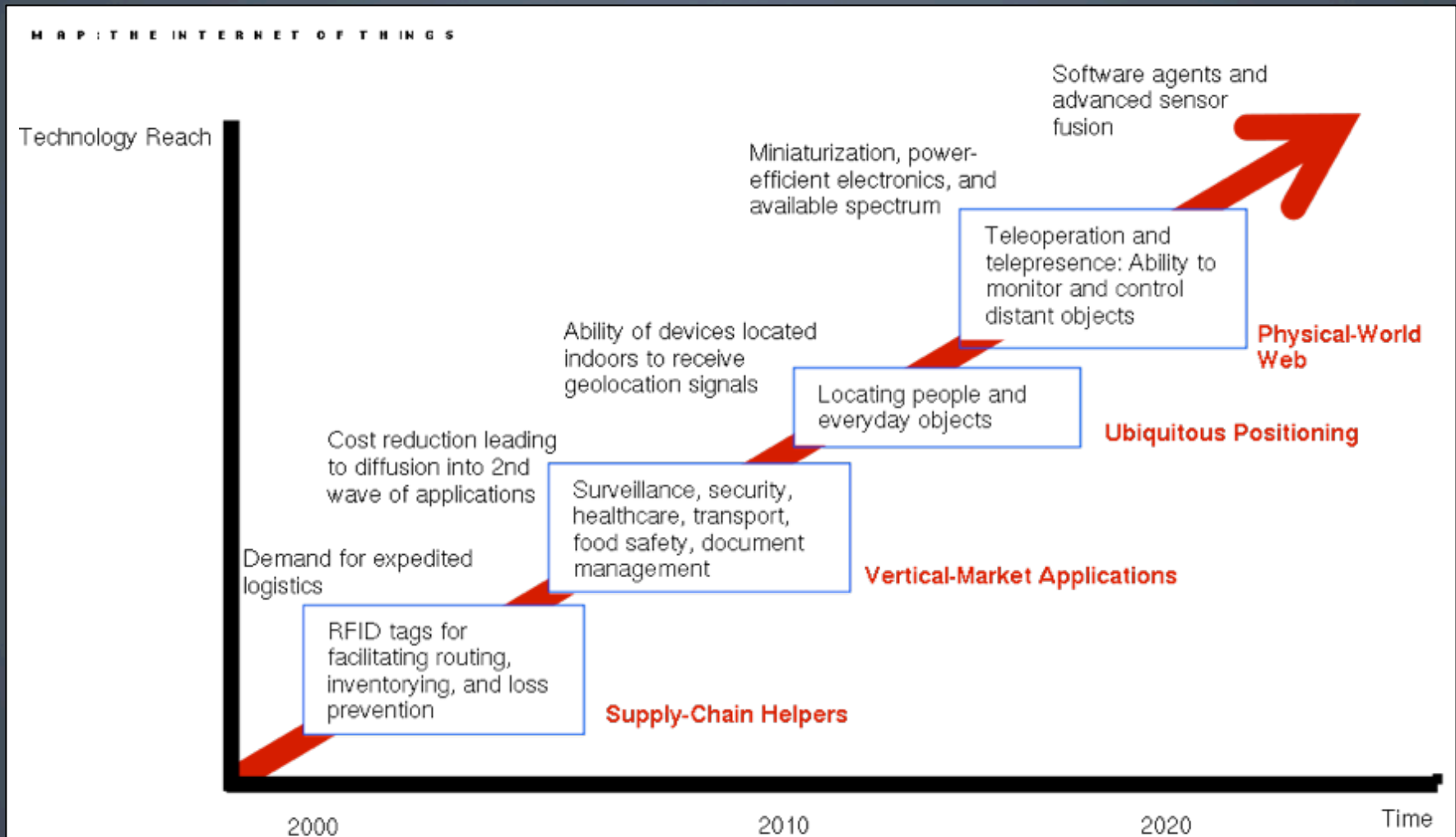
# Tangible Interaction



Diplom Thesis // Lihs, M. 2009 :  
WiiSpray, Digital Spraycan  
<http://www.wiispray.com>



# Internet of Things



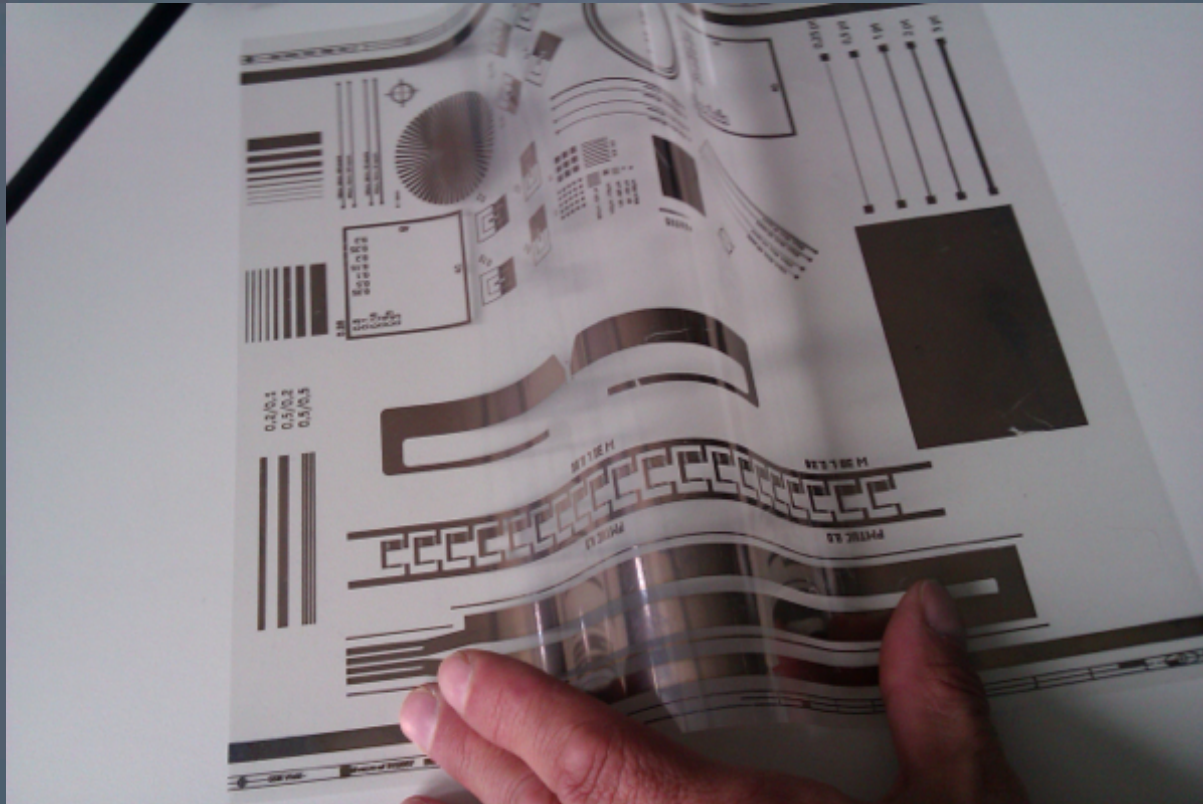


# Internet of Things



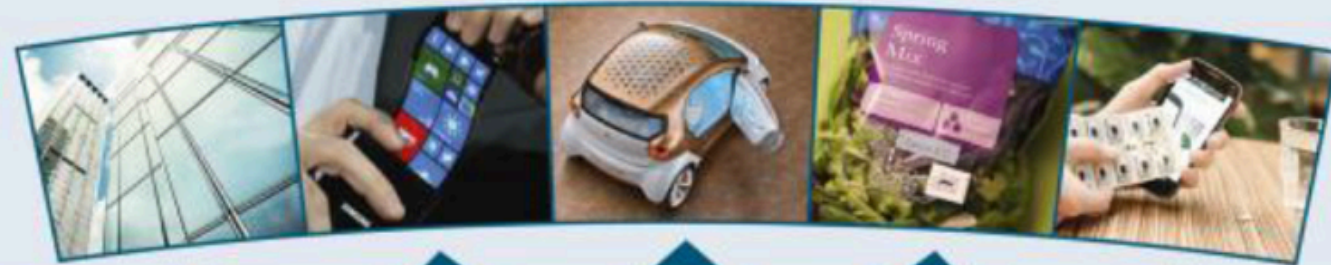


# Printed Electronics



# Printed Electronics

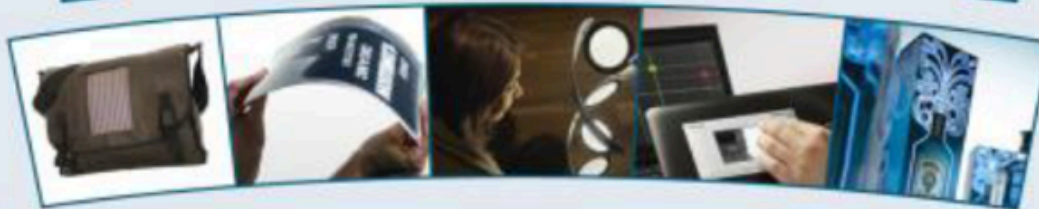
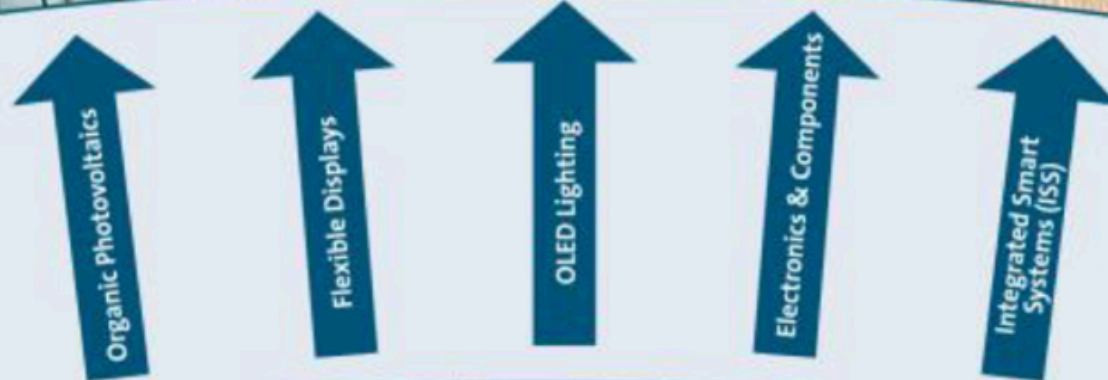
## OE-A Roadmap for Organic and Printed Electronics Applications



future



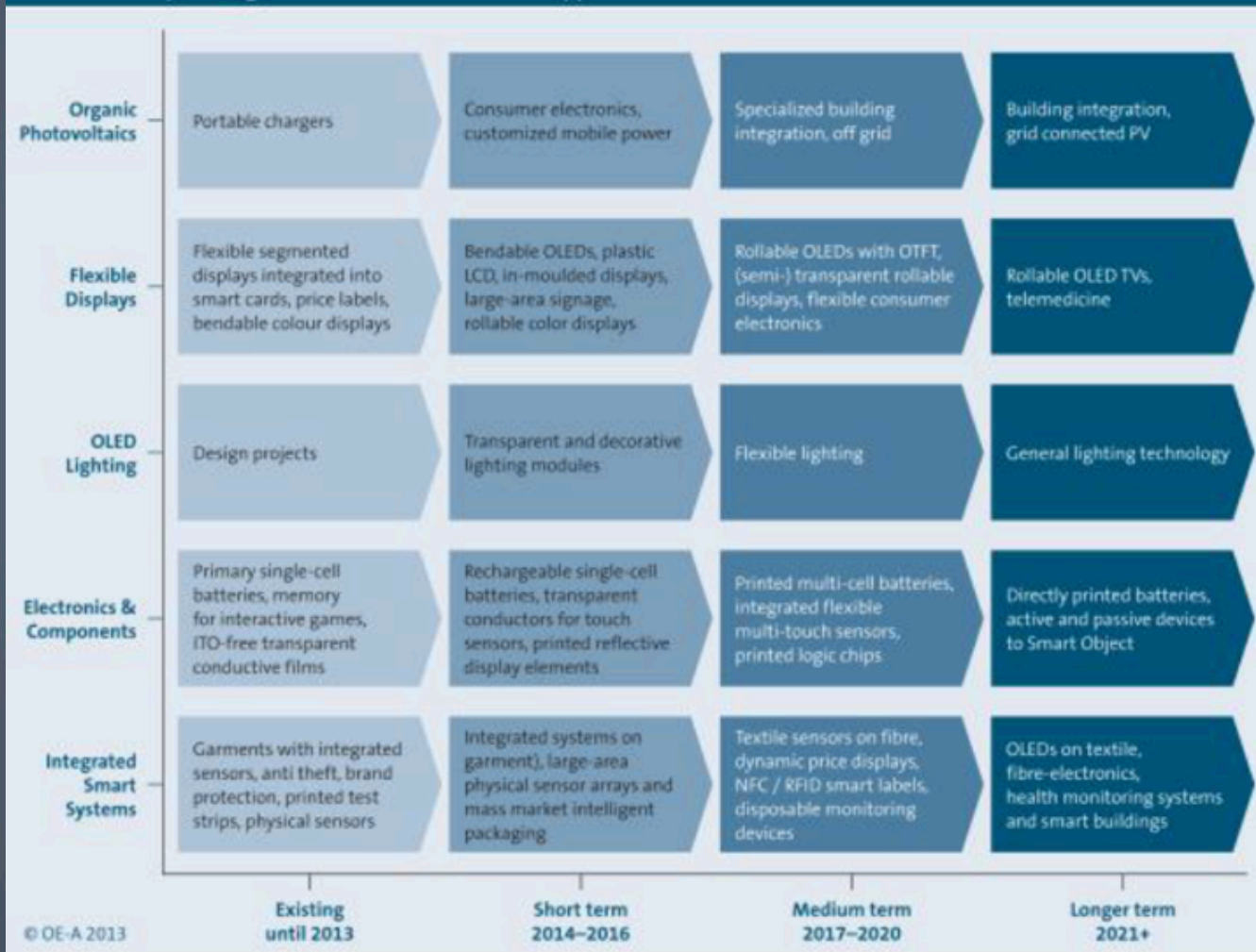
today



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# Printed Electronics

## OE-A Roadmap for Organic and Printed Electronics Applications





# Fingies Toolbox

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