

# SAR 11

# 2020

## **Whole Waste Catalog — after the first pilot test**

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26 March 2020

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# Recycling Yantra/ Installation and Video

Interpretation of the Smara-hara Yantra (remover of desire/ tool for overcoming desire) made out of electronic waste. The videos portray the informal recycling network in Delhi. The stations of the desintegration process correspond with the material in the installation.

**Year/** 2013 – 2014

**Installation/**

Sorted electronic waste  
2.7 × 2.7m or 5 × 5m

**Video/**

Four channels, 1080p, 1:03:58"

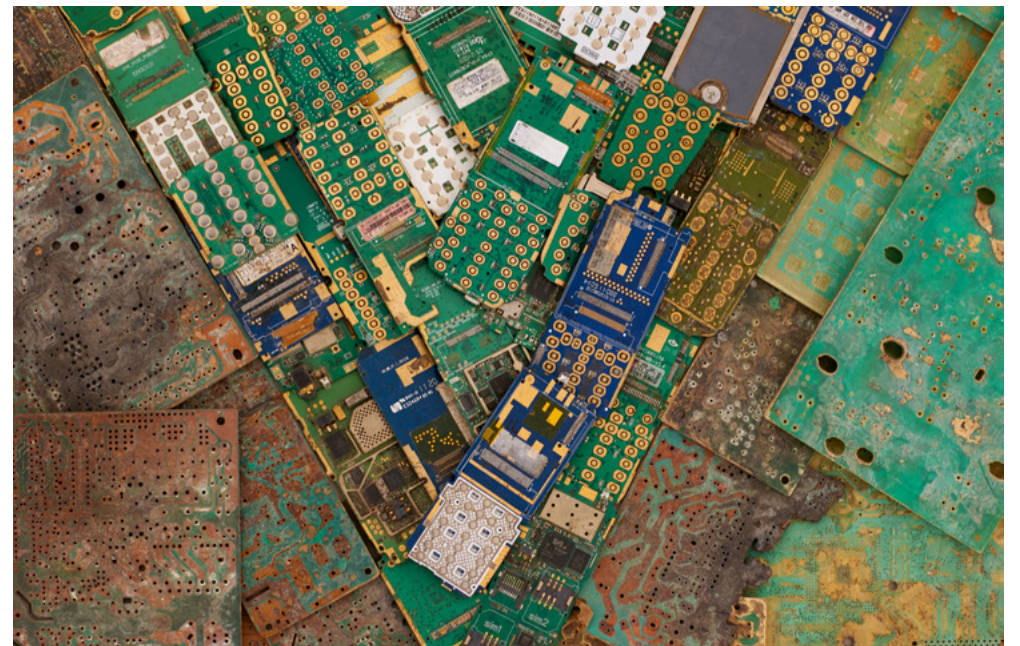
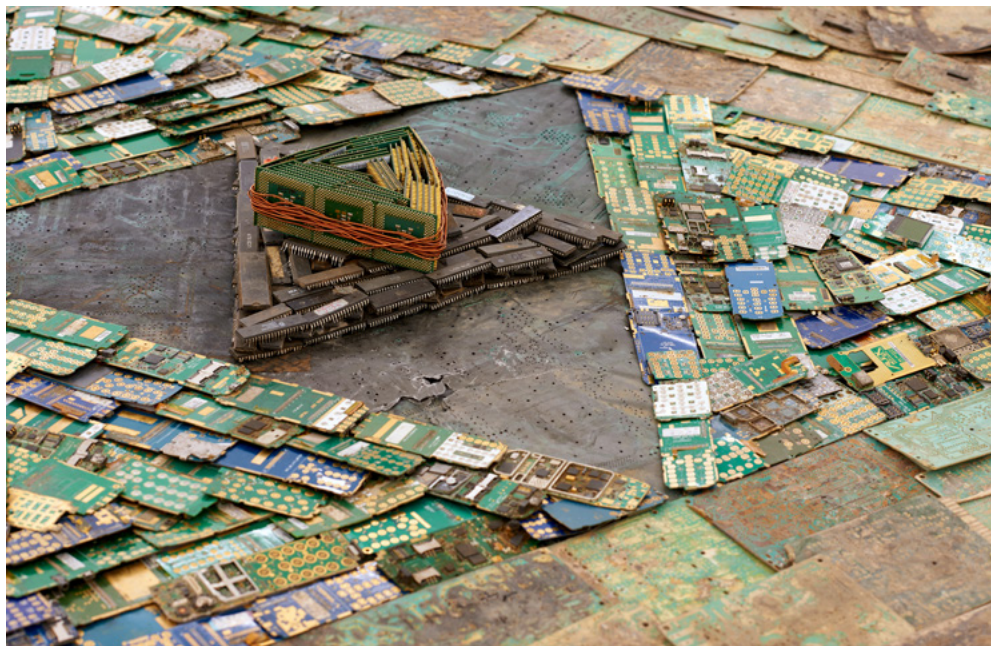
**Video Online/**

<https://vimeo.com/206299125>  
Password: MyWastelsMyDesire

**URL/** → <http://raphaelperret.ch/recycling-mandala/exhibiton-at-helmhaus-zurich/>







## Video Chapters/

2nd's Computers, Computer Repair, Scrap Dealer, Phone Dismantler, CRT Dismantler, CD Drive Dismantler, Keyboard Dismantler, Plastic Recycling, Copper Extraction, Solder Extraction, Gold Extraction, Wire Stripping, Printer Dismantler

Video Online/ → <https://vimeo.com/206299125>

Password: MyWastelsMyDesire



# Machines of Desire/ Publication

Documentation of the "Recycling Yantra" project as well as an approach to "desire" in a technology driven culture.

**URL/** → <http://raphaelperret.ch/machines-of-desire-publication/>

Edited by Raphael Perret 2014, New Delhi / Zurich – With contributions by: Ravi Agarwal, Simon Berkler, Isabella Bozsa, Bharati Chaturvedi, Madhu Khanna, Olaf Knellessen, Frank J. Korom, Daniel Morgenthaler, Francis Müller, Raphael Rogenmoser

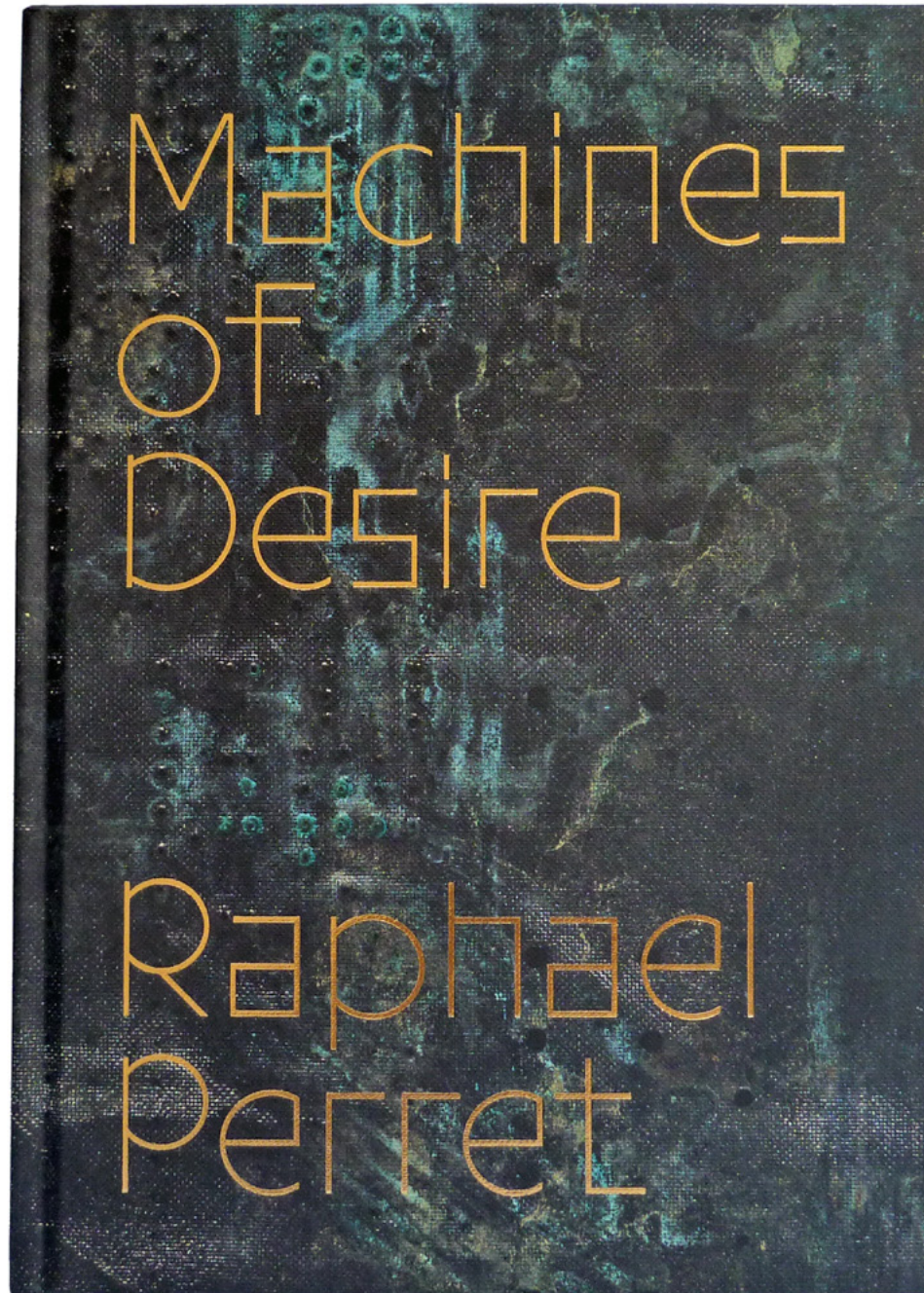
212 pages, hardcover, all texts in English and German, colour images, 170 × 240 × 22mm, edition 500ex.

Designed by Bureau vue, Claudia Wildermuth

**Amsel Verlag, Zurich/**  
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**Date of Publication/**  
13. 12. 2014

**Print/**  
Pragati, Hyderabad, India



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# The Dark Side of the Chip/ Photography

Series of photographs, investigating the aesthetics of decaying technology, recycling and the therewith created pollution.

So far in three parts:  
PC Boards, Keypads and Mandoli.

## Year

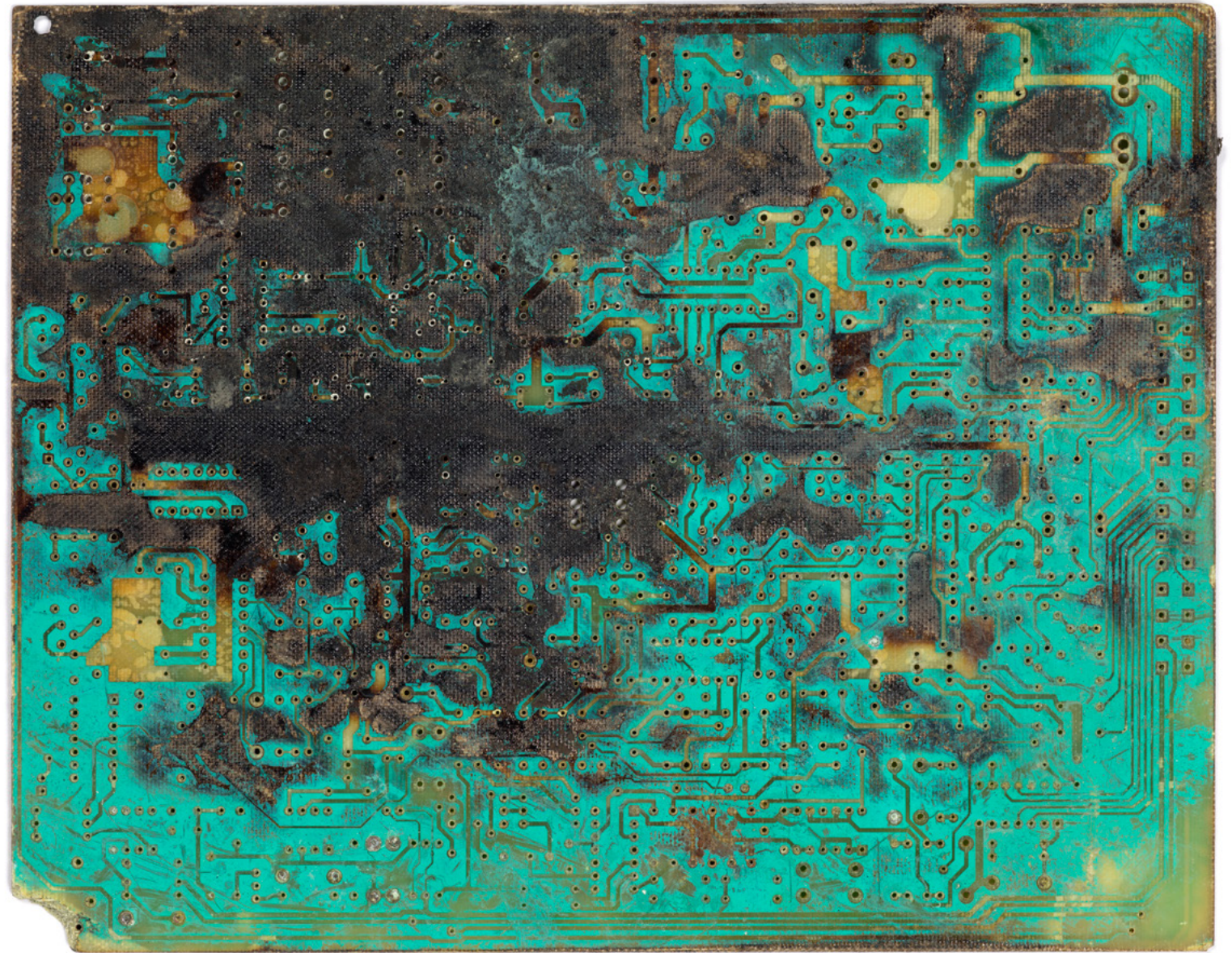
2013 – 2014

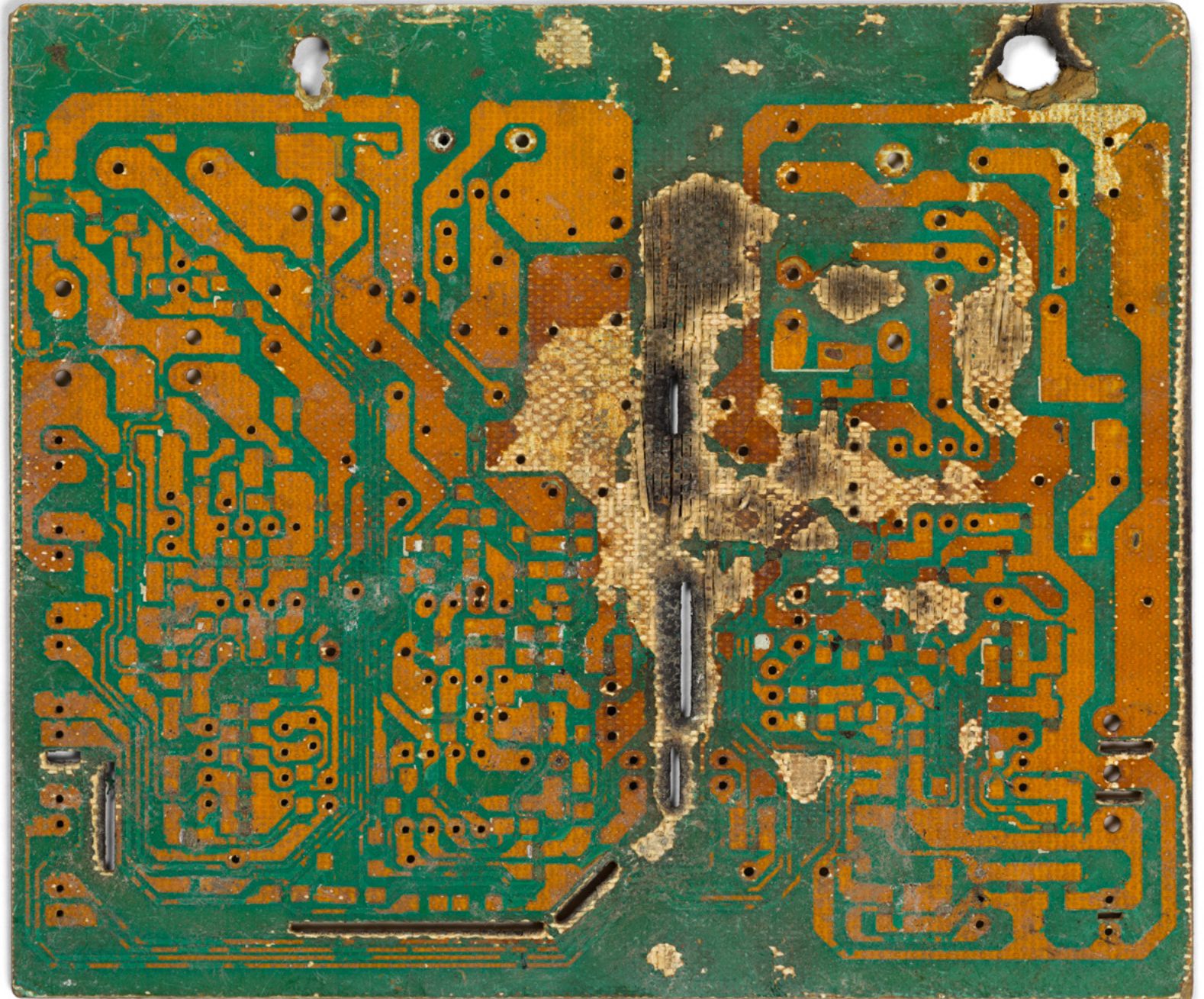
## Title

Platine #6, 91 × 73cm

## Material

Epson Fotoprint, Permajet Oyster  
on 1mm Aluminum



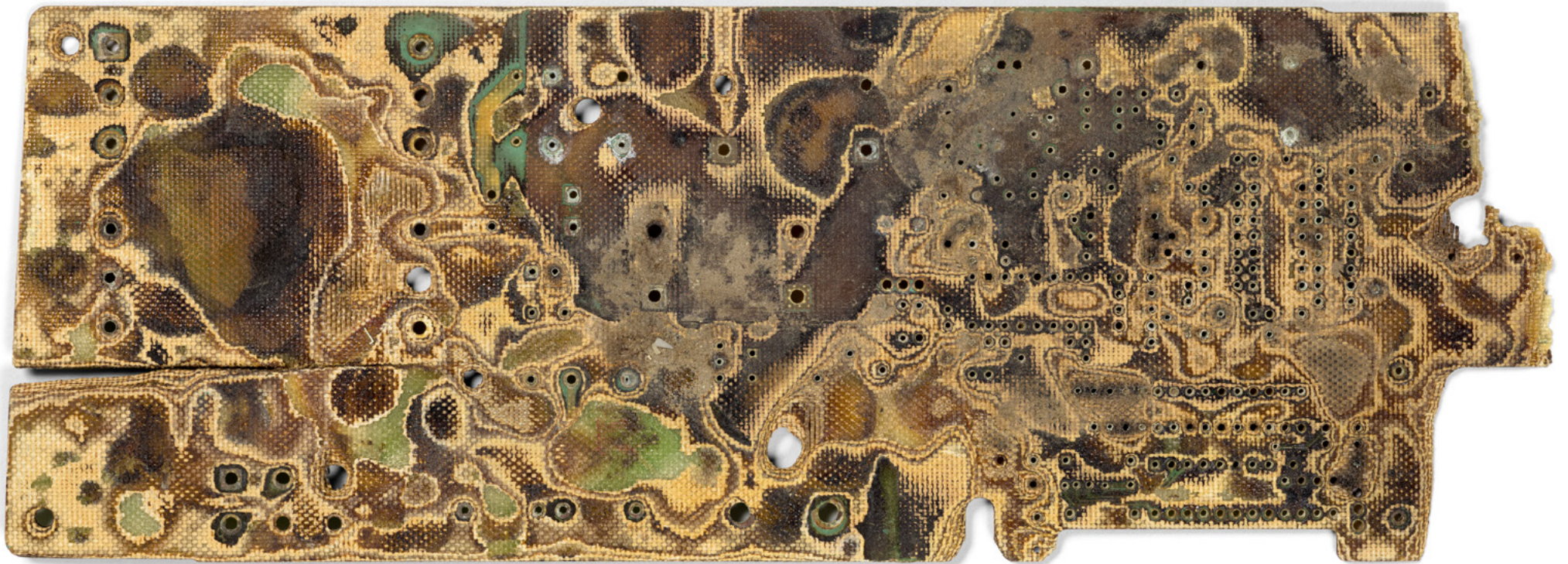


**Title**

Platine #3  
90 × 77cm

**Material**

Epson Fotoprint  
Permajet Oyster on  
1mm Aluminum

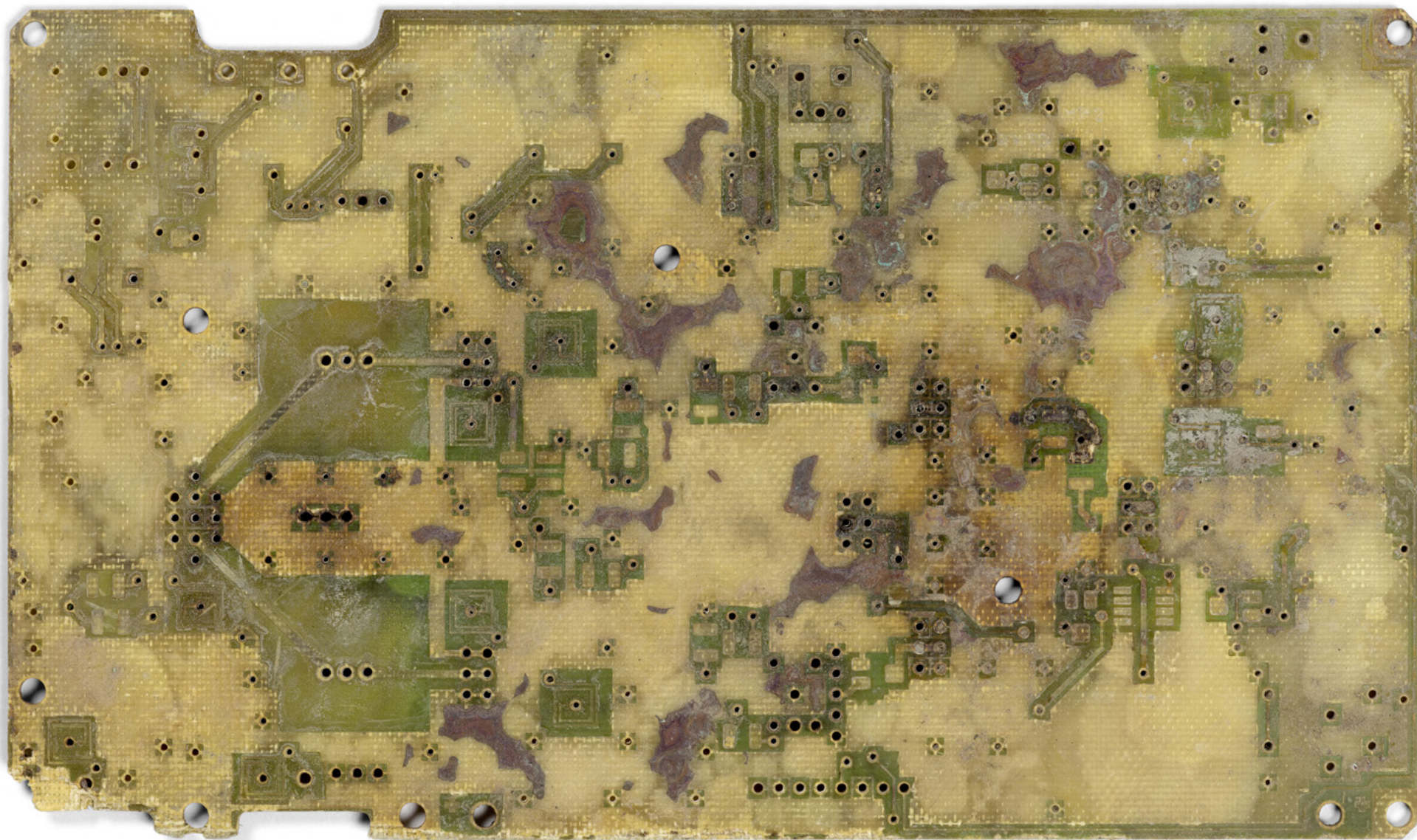


**Title**

Platine #4, 102 × 42cm

**Material**

Epson Fotoprint, Permajet Oyster  
on 1mm Aluminum



**Title**

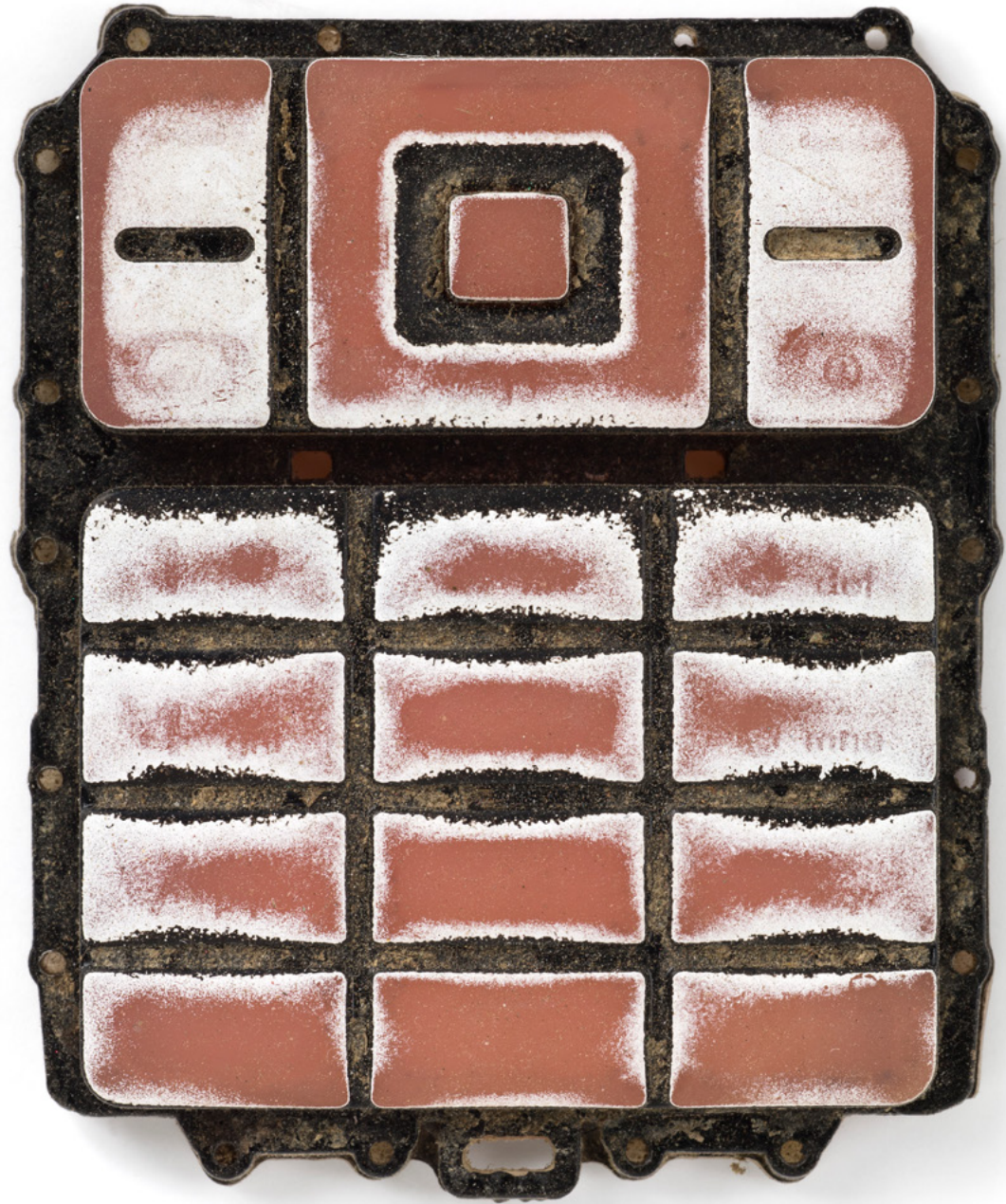
Platine #7  
97 × 60cm

**Material**

Epson Fotoprint  
Permajet Oyster on  
1mm Aluminum



**Title** Platine #8, 92 × 86cm    **Material** Epson Fotoprint, Permajet Oyster on 1mm Aluminum



**Title**  
Keypad #1, 45 × 45cm

**Material**  
Epson Fotoprint, Permajet Oyster  
on 1mm Aluminum



**Title**  
Keypad #6, 45 × 45cm

**Material**  
Epson Fotoprint, Permajet Oyster  
on 1mm Aluminum



**Title**  
Keypad #8, 45 × 45cm

**Material**  
Epson Fotoprint, Permajet Oyster  
on 1mm Aluminum



**Title**  
Keypad #9, 45 × 45cm

**Material**  
Epson Fotoprint, Permajet Oyster  
on 1mm Aluminum



**Title**  
Keypad #14, 45 × 45cm

**Material**  
Epson Fotoprint, Permajet Oyster  
on 1mm Aluminum

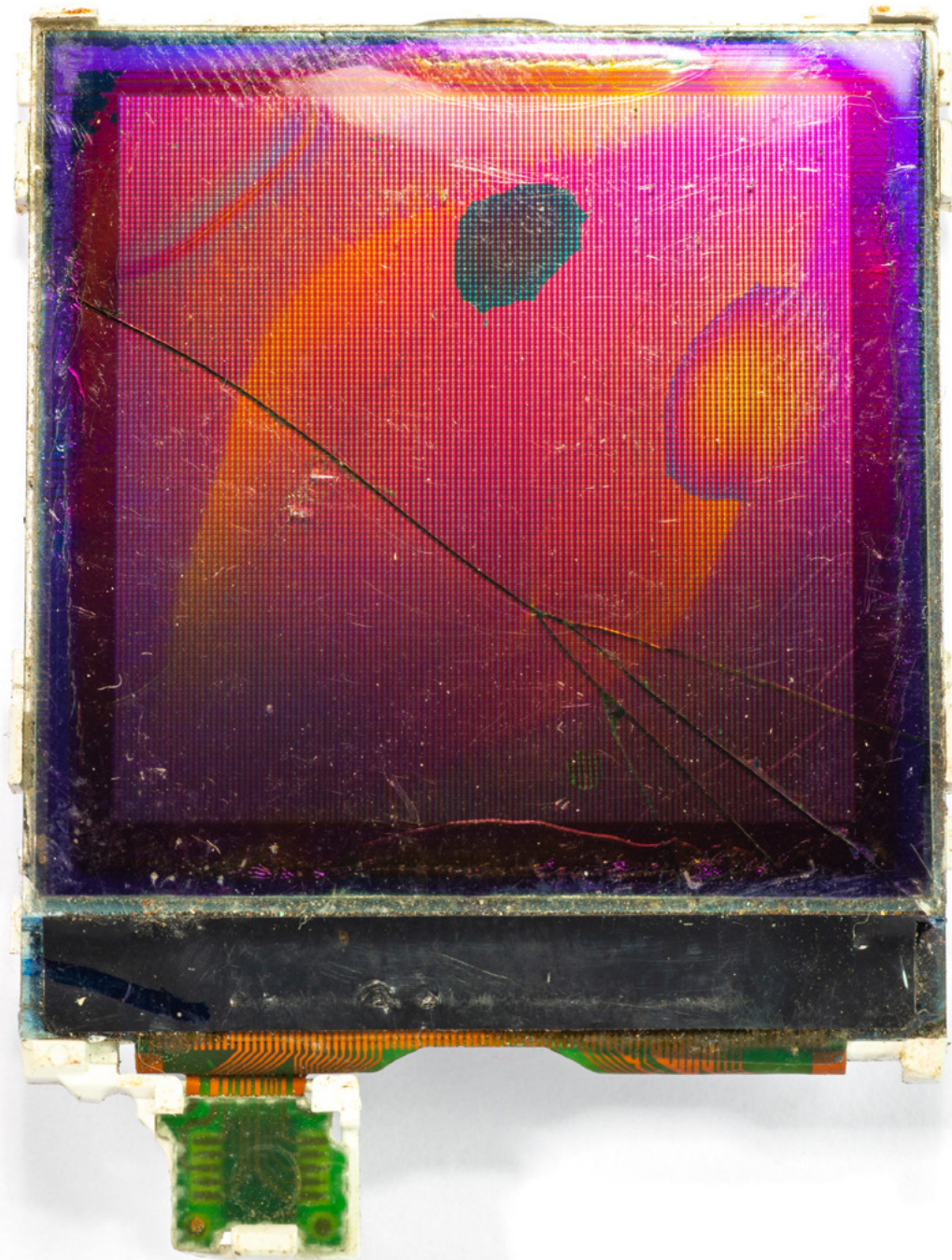


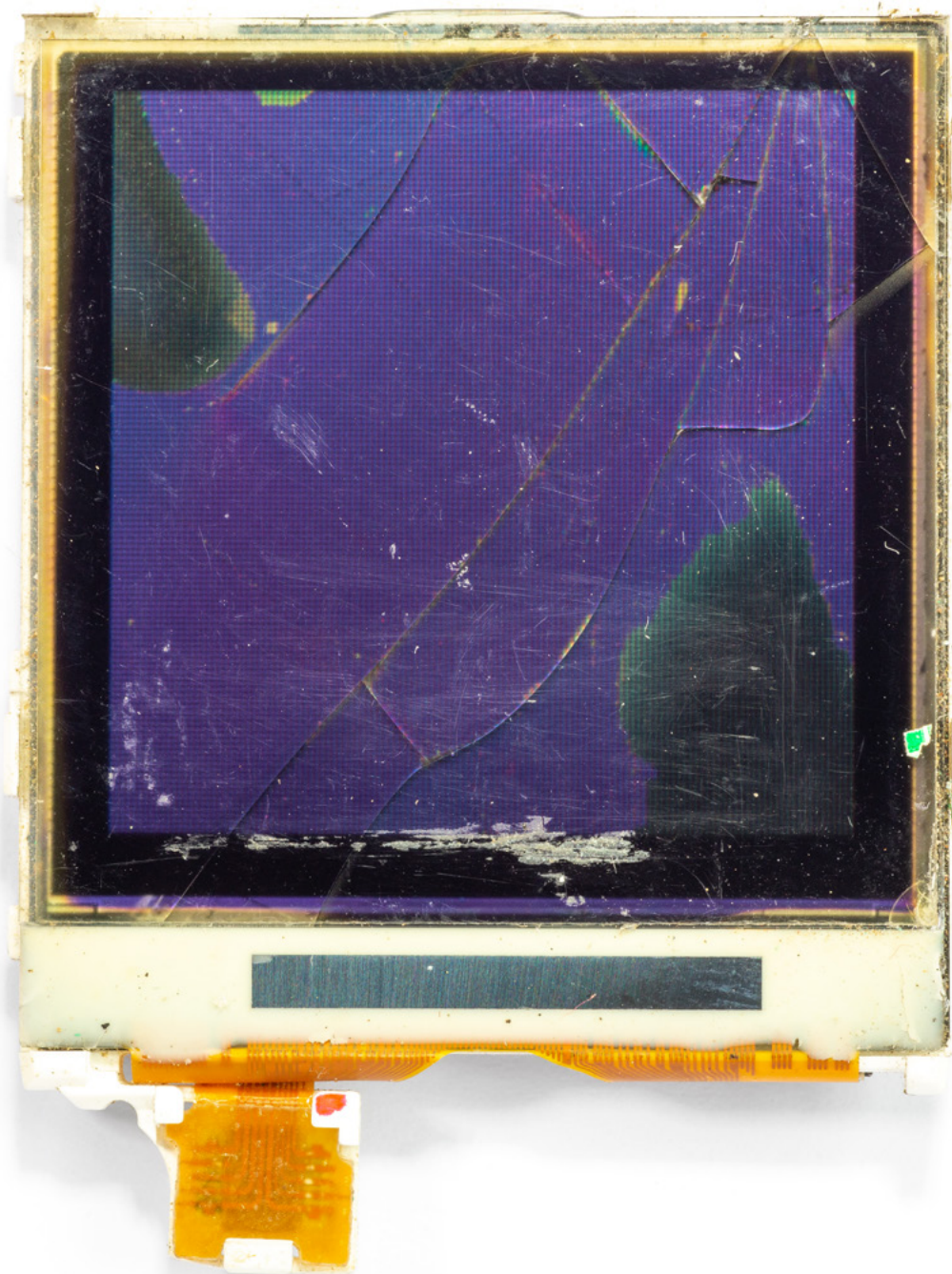
# Afterlife/ Photography

Year/ 2019

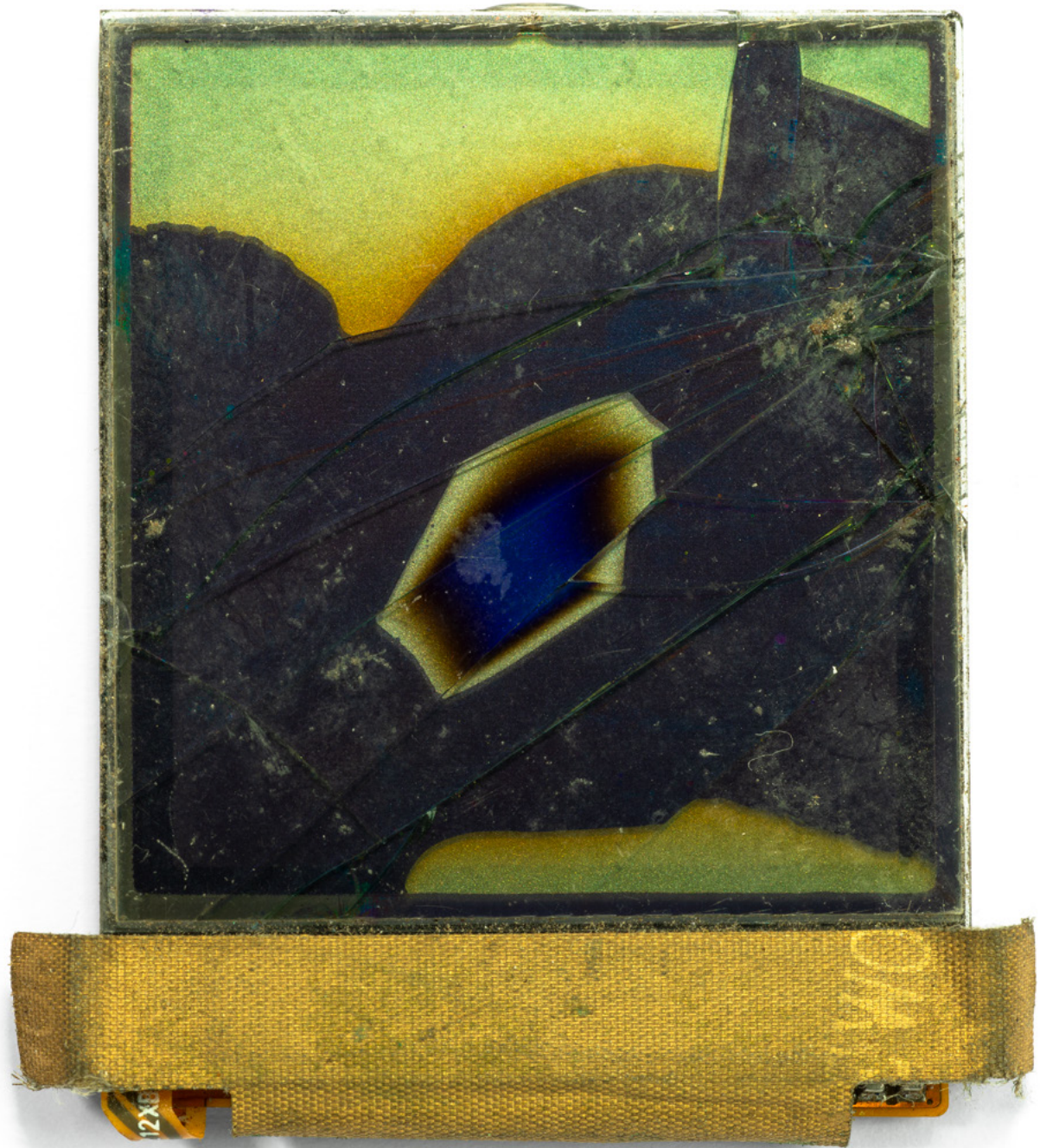
**Size**  
52 × 61cm

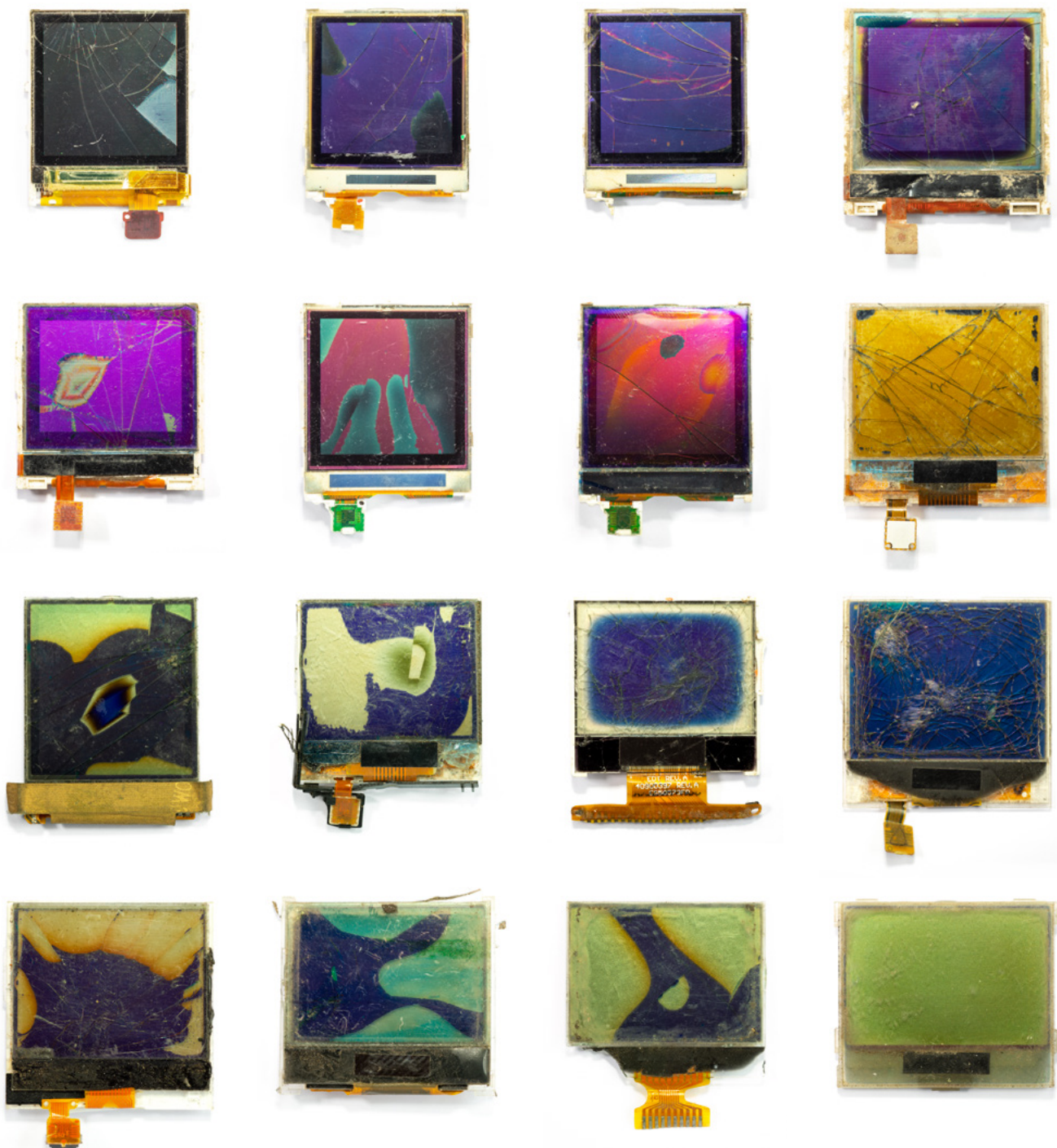
**Material**  
Epson Fotoprint,  
Permajet Oyster on  
1mm Aluminum

























# WHOLE EARTH CATALOG

*access to tools*



Fall 1968

\$5

# PURPOSE

*We are as gods and might as well get used to it. So far, remotely done power and glory—as via government, big business, formal education, church—has succeeded to the point where gross obscure actual gains. In response to this dilemma and to these gains a realm of intimate, personal power is developing—power of the individual to conduct his own education, find his own inspiration, shape his own environment, and share his adventure with whoever is interested. Tools that aid this process are sought and promoted by the WHOLE EARTH CATALOG.*

# FUNCTION

*The WHOLE EARTH CATALOG functions as an evaluation and access device. With it, the user should know better what is worth getting and where and how to do the getting.*

*An item is listed in the CATALOG if it is deemed:*

- 1) Useful as a tool,*
- 2) Relevant to independent education,*
- 3) High quality or low cost,*
- 4) Not already common knowledge,*
- 5) Easily available by mail.*

## Direct Use of the Sun's Energy

The best book on Solar Energy that I know of. Any curious and intelligent person can learn a great deal about our planet and ourselves by reading this book about ways of using sunlight. There are many numbers in the book but the math never goes beyond 8th grade arithmetic. The book is clear and simple whether talking about heating water –

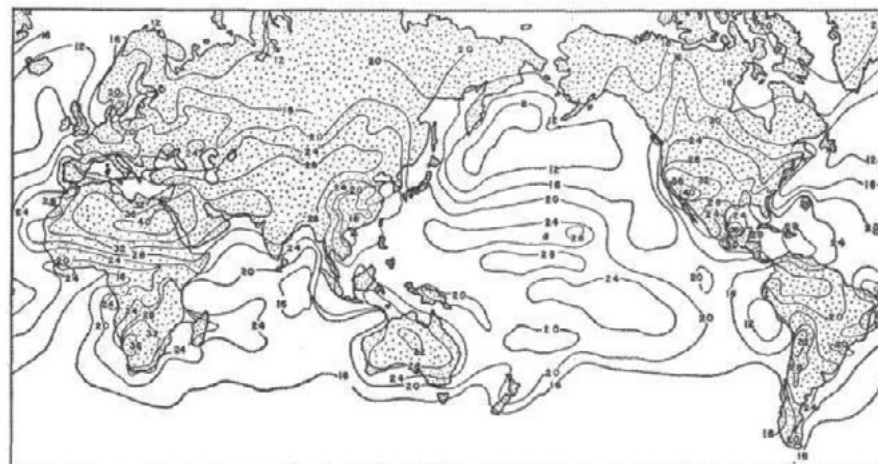
For general domestic use of hot water for bathing and washing dishes a temperature of 135°F (57°C) is considered adequate and 20 gal per person per day is a reasonable consumption. In many sunny climates these requirements can be met with an insulated storage tank and solar radiation absorber which has an area of 0.75 ft<sup>2</sup> gal<sup>-1</sup> of hot water. A family of four would need a tank of 80 gal and a solar absorber of 60 ft<sup>2</sup>.

or photo chemical reactions –

The photo dissociation of iodine (I<sub>2</sub>) molecules into atoms absorbs most of the visible light of the sun with a considerable amount of energy, but the iodine atoms recombine so fast that the energy cannot be retained. It is immediately evolved as heat during the exposure to light.

I read the book on a Greyhound bus in Texas two years ago and it has changed my life and my way of thinking.

[Reviewed by Steve Baer]



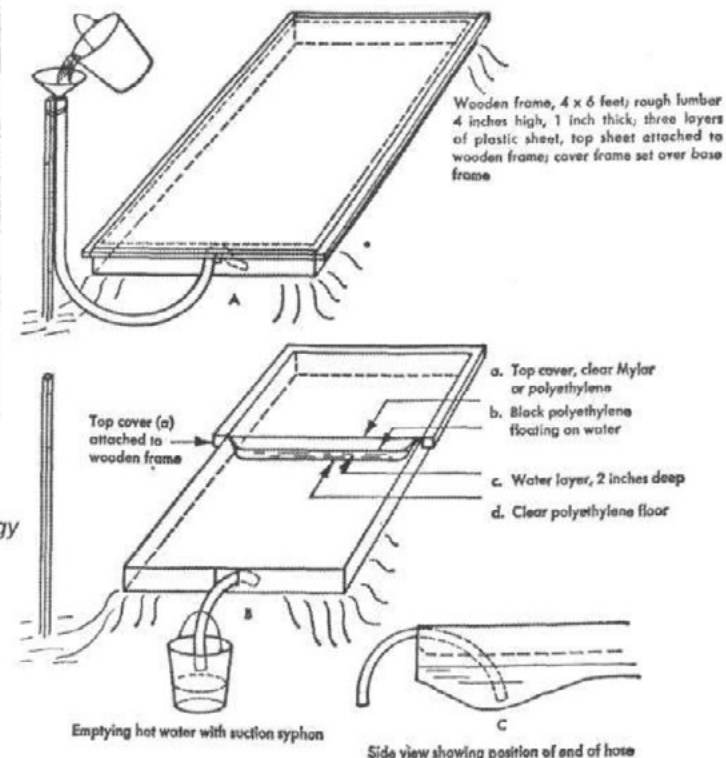
11. World wide distribution of solar energy in hundreds of hours per year. [Adapted with permission from Solar Energy, cover, 1, no. 1 (1957).]

### Direct Use of the Sun's Energy

Farrington Daniels  
1964; 374 pp.

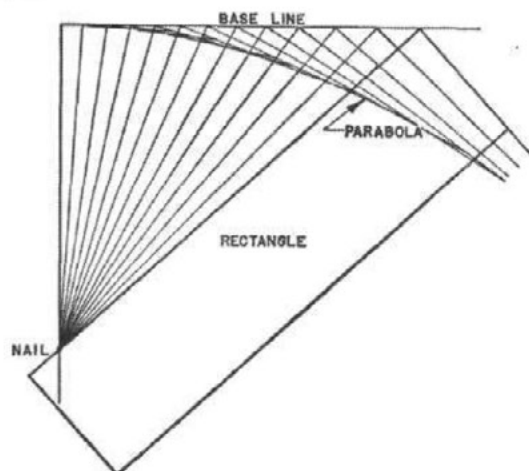
\$2.45 postpaid

from  
Yale University Press  
323 Center Street  
New Haven, Conn. 06511  
or  
WHOLE EARTH CATALOG

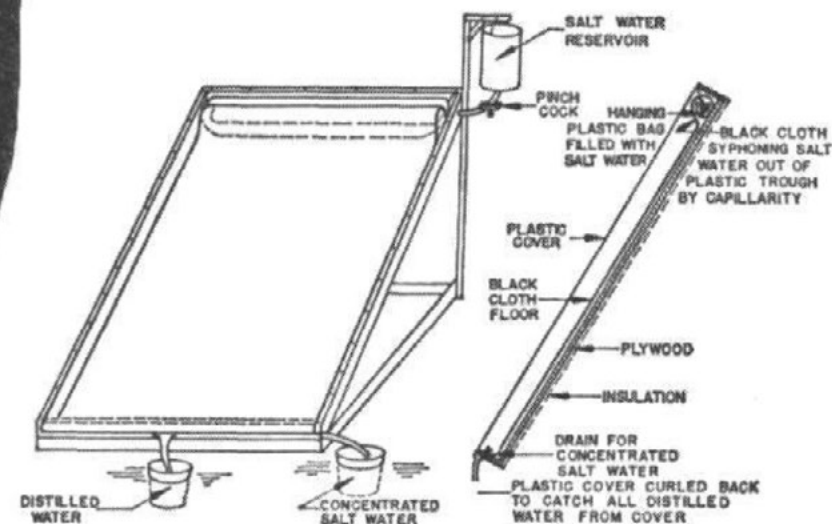


29. Inexpensive solar water heater. A. Filling with cold water. B. Emptying hot water with suction syphon. C. Side view, showing position of end of hose.

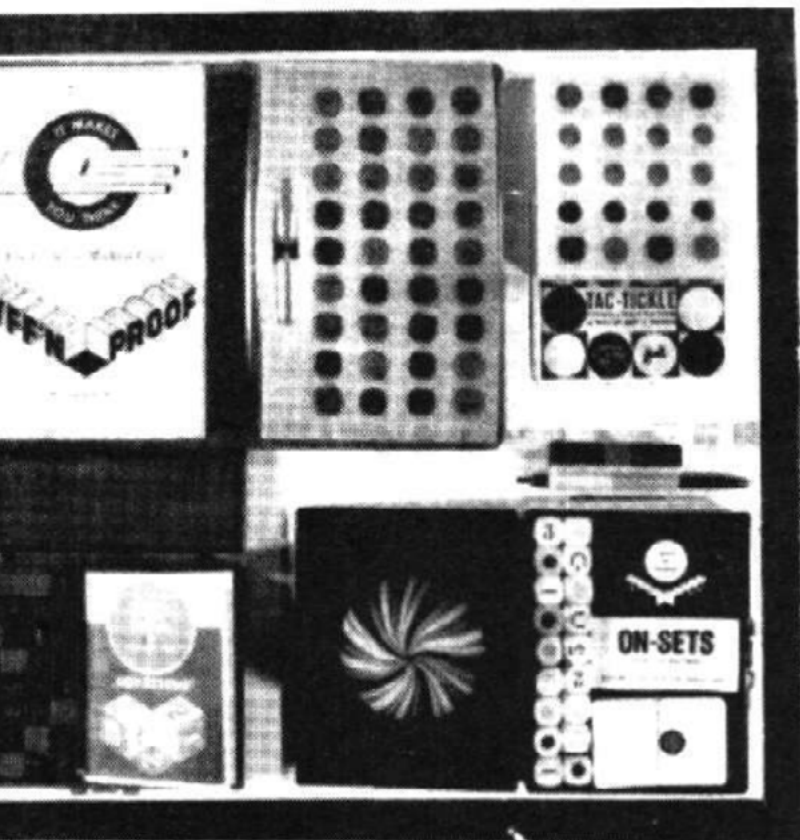
28 Industry & Craft



18. Method for drawing a parabola.



32. Tilted plastic still of simple construction.



## We Built Our Own Computers

*Time was, kids built their own radios. Now it's rockets and computers, and so much the better. Once you've built one computer you have a far more sophisticated relationship with all computers. This British text, prepared by five school boys who indeed built their own computers, is an excellent introduction to hands-in technique.*

[Suggested by Jane Burton]

### We Built Our Own Computers

ed. A. B. Bolt

**\$1.95** postpaid

from:  
 Cambridge University Press  
 32 Avenue of the Americas  
 New York, N. Y. 10022



### Electric Logical Computer Exeter

Motor to  
drive unselector

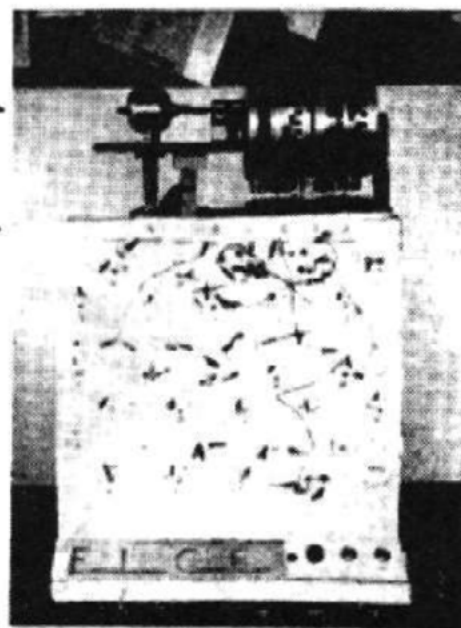
Variables

Unselector drum

Brushes to  
variables

Problem board

Control panel



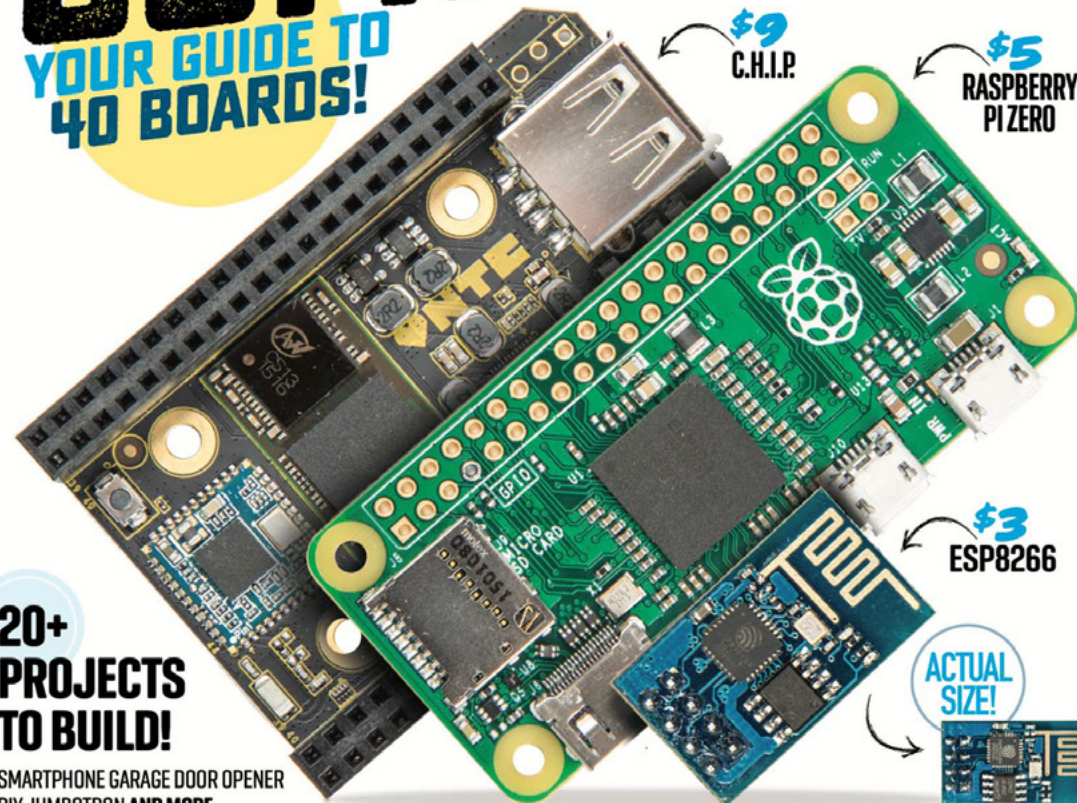
**NEW! 10 TOP TOOLS FOR MAKERS**

# Make:



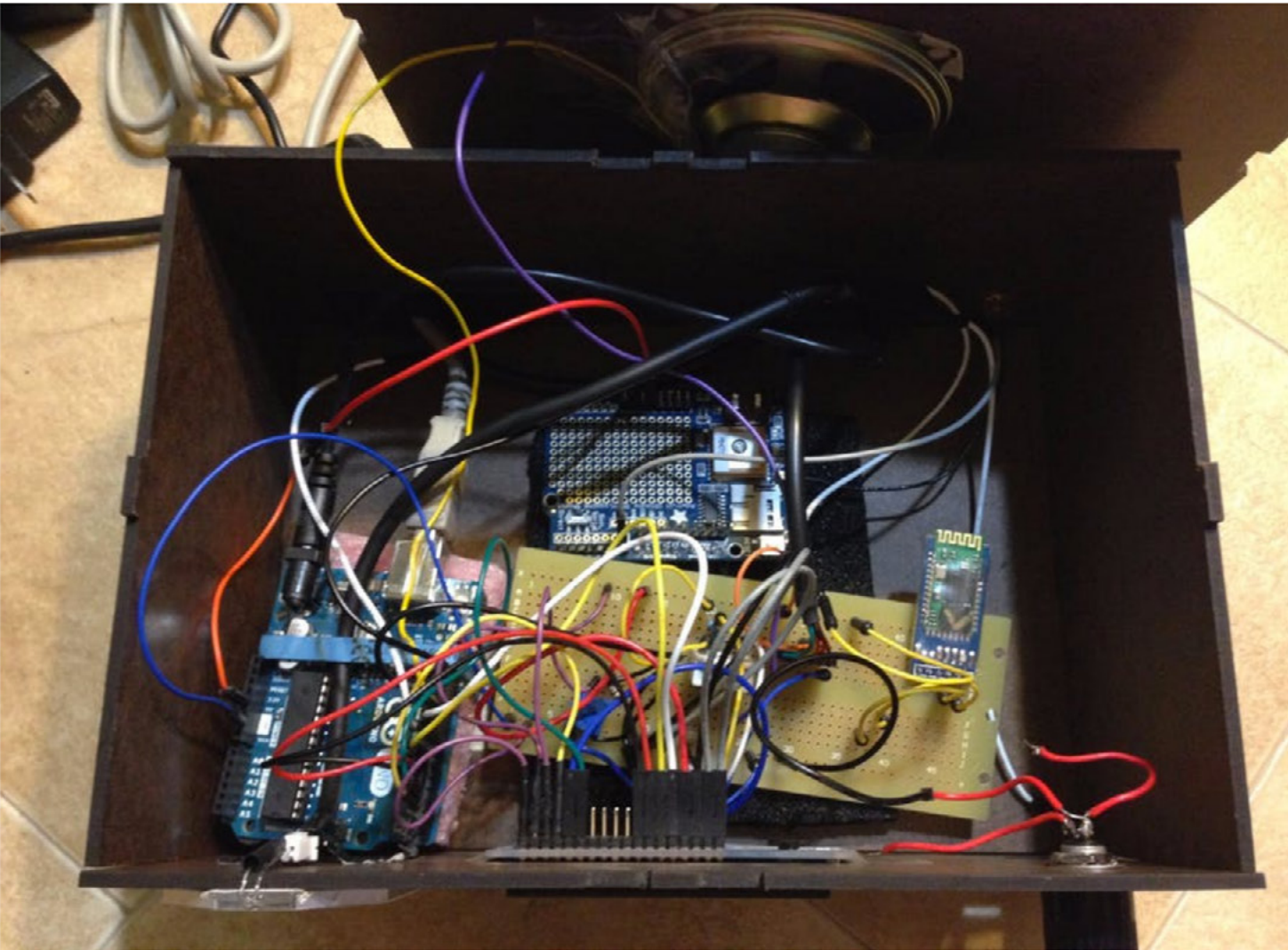
# SUPER (CHEAP) COMPUTERS

**YOUR GUIDE TO 40 BOARDS!**



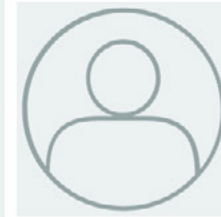
**20+ PROJECTS TO BUILD!**

SMARTPHONE GARAGE DOOR OPENER  
DIY JUMBOTRON AND MORE



# Smartphone Controlled Atomic Weather Station © GPL3+

This project combines Atomic Time keeping with local weather station, and additional cool projects using Arduino and Raspberry Pi.



**Daniel Martin**

2 PROJECTS 1 FOLLOWER

FOLLOW

## ADDITIONAL CONTRIBUTORS

- Arduino gps clock by [Tony DiCola](#)

## PUBLISHED ON

September 16, 2016

RESPECT PROJECT

GIVE FEEDBACK

Share I made one

SEE SIMILAR PROJECTS  
YOU MIGHT LIKE

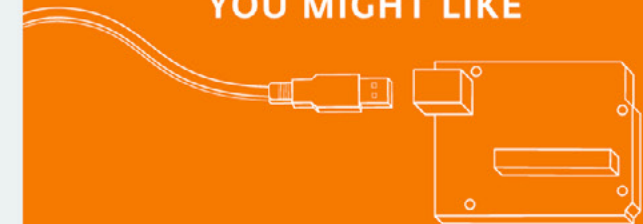
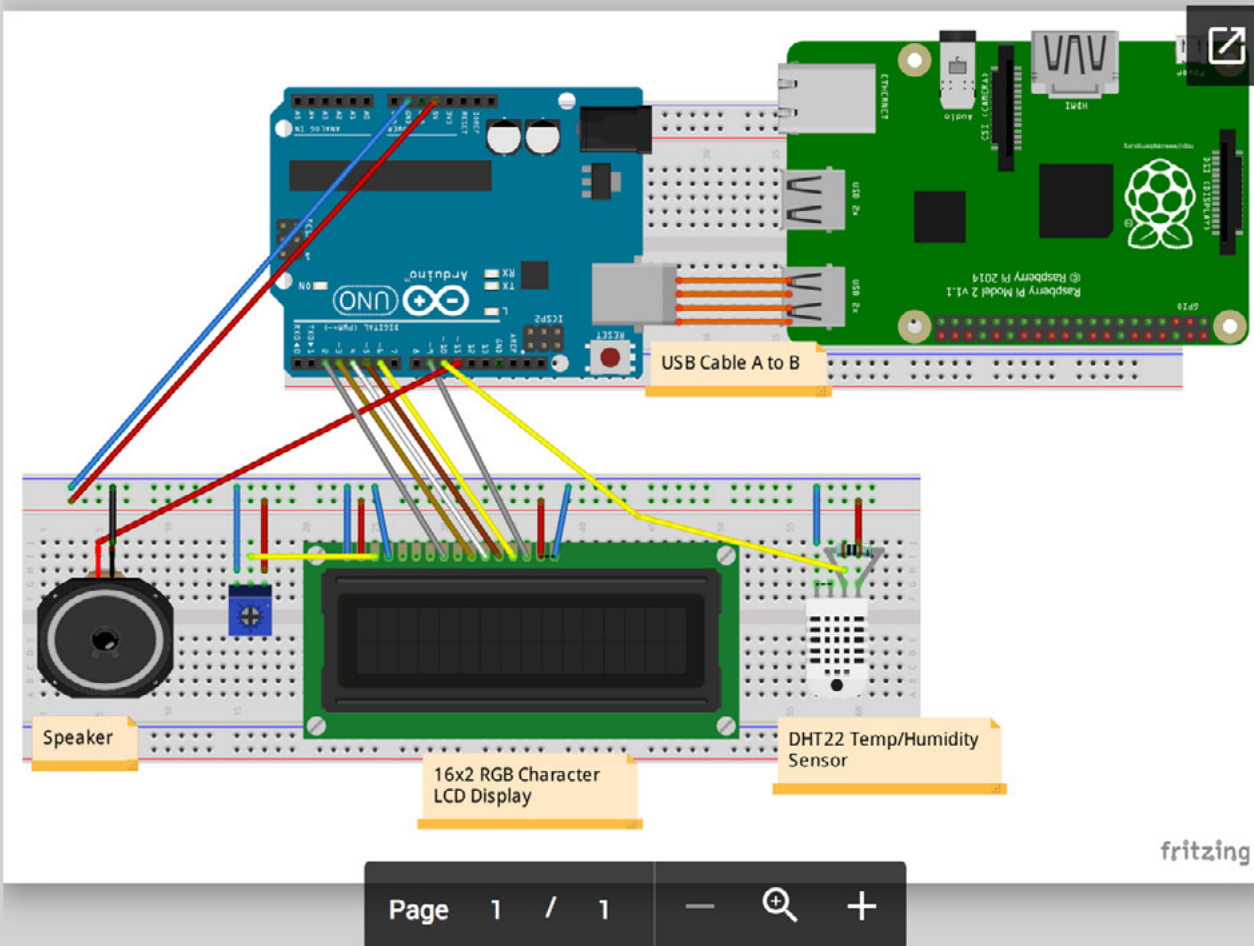


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Introduction

What we did

Useful tutorials

Schematics

Code

Comments (0)

RESPECT PROJECT

GIVE FEEDBACK

Share I made one

## CODE

Tones

Tones Arduino

A full list of tones with their corresponding frequencies



Raspberry Pi C...

**Do It Yourself — Undo It Yourself!**

**symmetry of support systems**



## Telegram FAQ

This FAQ provides answers to basic questions about Telegram. Check out our [Advanced FAQ](#) for more technical information.

### General

[What is Telegram?](#)

[Who is it for?](#)

[How is it different from WhatsApp?](#)

[How old is Telegram?](#)

[Is it available on my device?](#)

[Who are the people behind Telegram?](#)

[How do you make money?](#)

[What are your thoughts on internet privacy?](#)

[Do you process takedown requests?](#)

[Do you process data requests?](#)

### Telegram Basics

[Who can I message?](#)

[Who has Telegram?](#)

[Inviting friends](#)

### Tweets by [@telegram](#)



**Telegram Messenger**

[@telegram](#)

If you were having any trouble with Telegram, try again now.



**Telegram Messenger**

[@telegram](#)

And now even the residual issues are resolved. Everything is fully back on track. [twitter.com/telegram/status...](#)



**Telegram Messenger**

[@telegram](#)

And it's up for users in Asia. We're resolving some residual issues, but you can still connect already. Sorry about that.

## easiest way to use svg in android?

Ask Question



15



6

I have found a myriad of libraries in order to use svg in Android and avoid the frustrating creation of different resolutions and dropping files for each resolution, this becomes very annoying when the app has many icons or images.

Can anyone be as kind to give a step by step process of the simplest to use library for using SVG in Android, I'm sure this will help many others too.

Also I use Android Studio and Illustrator for generating my icons and images.



android

android-activity

androidsvg

share improve this question

edited Aug 29 at 13:23

asked Jun 18 '15 at 18:38



commonSenseCode

6,404 ● 5 ● 39 ● 84

Possible duplicate of [What are best practices for using SVG icons on Android?](#) – [serv-inc](#) May 11 at 7:14

add a comment

## 5 Answers

active

oldest

votes



14



**UPDATE:** Please notice this answer is from 2015, and there might better and easier ways to use svg in Android at the present moment. So take this answer with a grain of salt.

Ok after some hours of research I found **svg-android** to be quite easy to use, so I'm leaving here step by step instructions:

1. download lib from: <https://code.google.com/p/svg-android/downloads/list> Latest version at the moment of writing this is: **svg-android-1.1.jar**
2. Put jar in **lib** dir.
3. Save your \*.svg file in **res/drawable** dir (In illustrator is as easy as pressing Save as and select svg)

asked 2 years, 3 months ago

viewed 26,036 times

active 24 days ago

## Linked

0

[use coloured vector image in android studio](#)

## Related

1599

[Is there a way to run Python on Android?](#)

1976

[Saving Android Activity state using Save Instance State](#)

1094

[Activity restart on rotation Android](#)

867

[How do I pass data between Activities in Android application?](#)

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[How to send an object from one Android Activity to another using Intents?](#)

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[How do I create a transparent Activity on Android?](#)

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[How to manage `startActivityForResult` on Android?](#)

1

[Decoding SVG with AndroidSVG and Universal Image Loader](#)

0

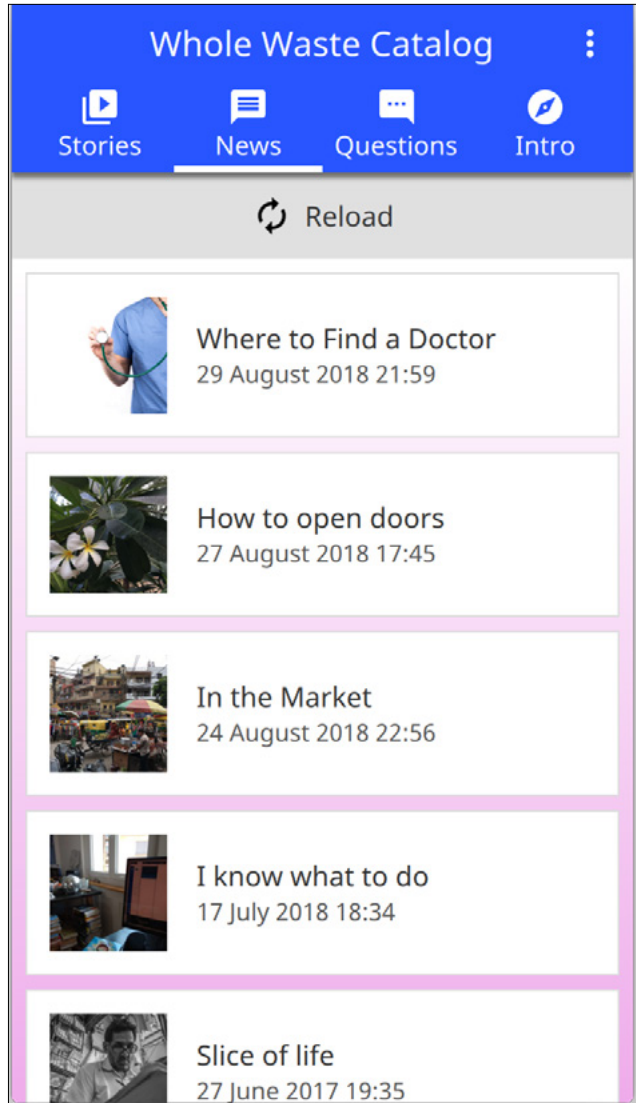
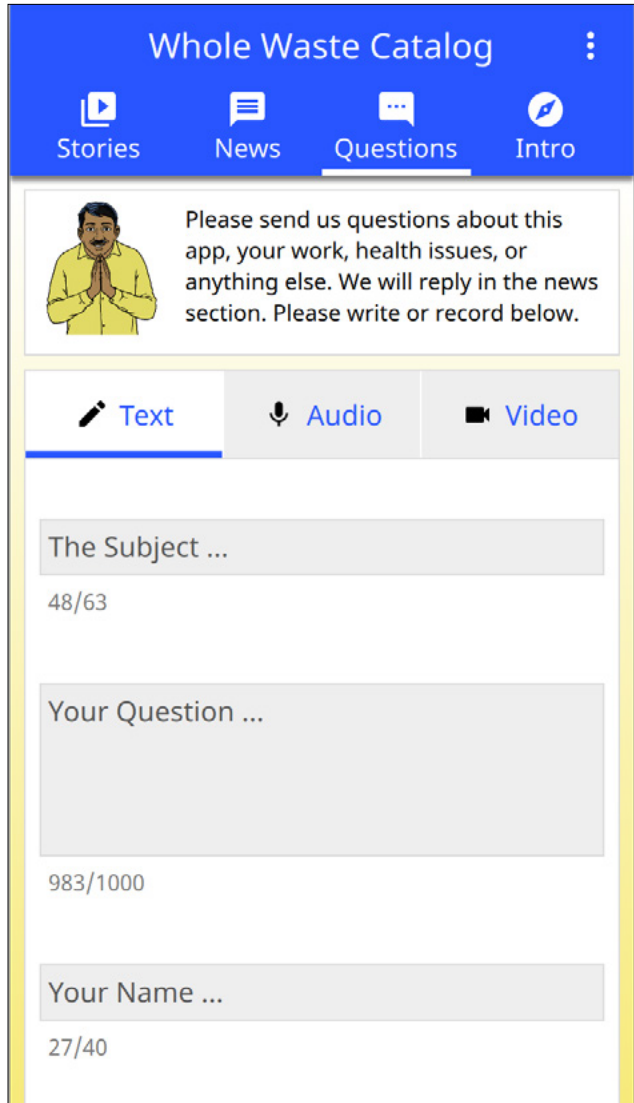
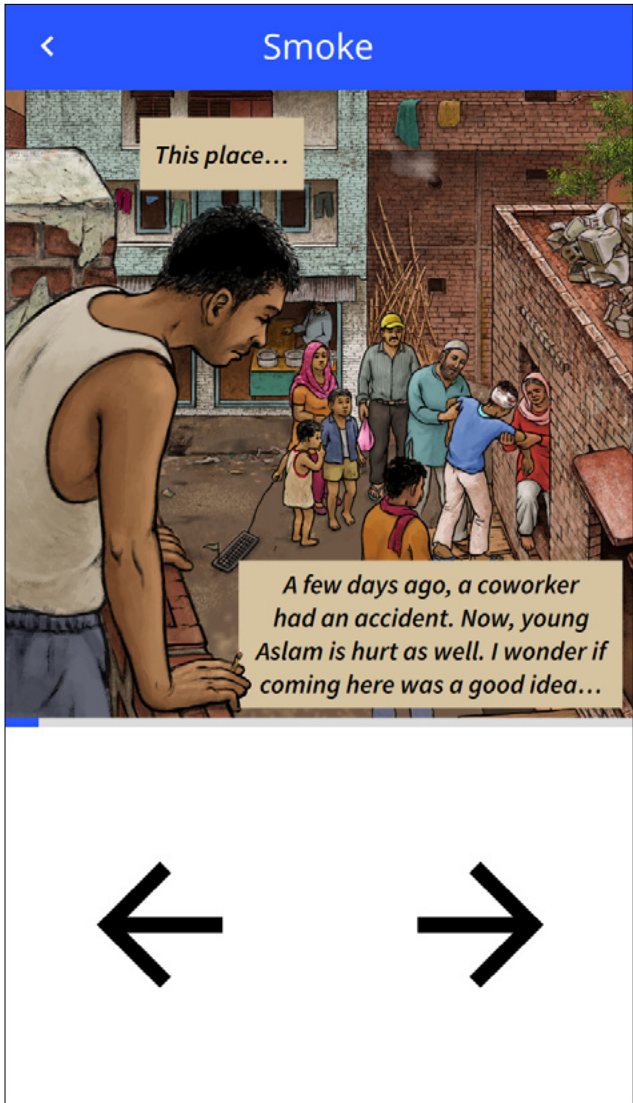
[Get SVG out of ImageView](#)

-1

[How to load Svg images in Android?](#)

## Hot Network Questions





## Extract from Comic Smoke – English Version

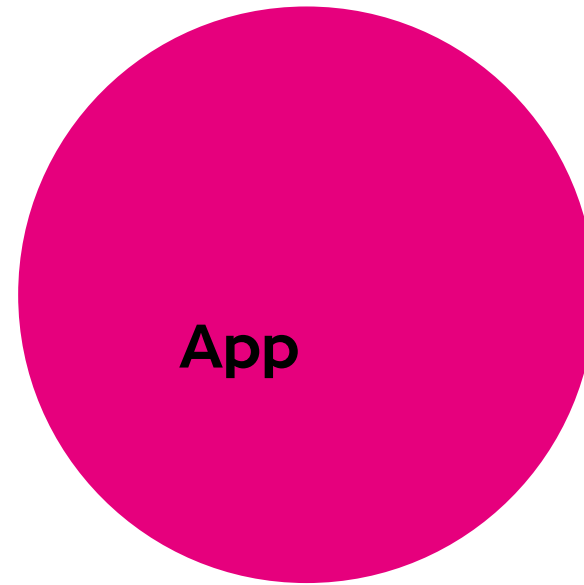


















TER SALES & SERVICE  
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6918214  
6488964











## Examples of Questions

*«There is a very loud factory in our neighbourhood. What is the effect on humans and what can we do about it?»*

The focus was mainly on health related topics as in this example:

*«My friend has contracted TB due to the blowing of PC boards. But because of his circumstances he cannot leave that job. I want to know from you what he should do?»*

## The Multi-Part Answer

*«... TB is not directly caused by the burning of PC board but caused by bacteria that spread from person to person. ...*

*The burning of PC board or any e-waste containing plastic releases toxins which make one susceptible to various respiratory diseases. When the body becomes weak due to respiratory infections then there is a chance that the person may get Tuberculosis. ...*

*Instead of burning PC board he can do dismantling of keyboards, tearing of wires, sorting of e-waste, dismantling of other types of e-waste where he is not exposed to smoke and dust. He should also wear a mask while doing work. ...*

*Following is the information of nearby TB clinics and hospitals. ...*

*National Institute of TB and Respiratory Diseases – Sri Aurobindo Marg, Seth Sarai, Mehrauli, Delhi 110030, phone: 011 2651 7826 (free) ... »*

## Feedback and Results

- The app is easy to use, useful and directly applicable in daily life.
- The comics are perceived as a trustworthy source of knowledge. More of them are wanted.
- Learning from the questions and answers from other users is seen as very interesting.
- It was explicitly wished that more people should use the app, in order to have more questions coming in.
- Based on the comics as well as the Q&As, advice was given to friends and family.

- The comics and the Q&As were shown to friends and neighbours, for them to learn as well.
- The work safety gear (masks, gloves, glasses,...) was tested and a positive change ascertained.
- The app is rated 'better than Google'. Because it gives only one answer to a question, which is certainly true and in an comprehensible language.
- Life and work are full of problems – the app gives answers and makes both easier.

## The Project Team



**Orijit Sen**  
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Illustrator Assistant  
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**Vidyun Sabhaney**  
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**Suresh Kaushel**  
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**Prof. Dr. Avinash Kumar**  
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**Joice Varghese**  
Student, JNU, Coordinator  
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**Ankita Singh**  
Student JNU, Editor  
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**Johnny K.D.**  
Student JNU, Editor  
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**Kavita Gehlot**  
Student JNU, Editor  
Delhi, India



**Neha Yadav**  
Student JNU, Editor  
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**Nadja Baldini**  
Curator  
Zurich, Switzerland



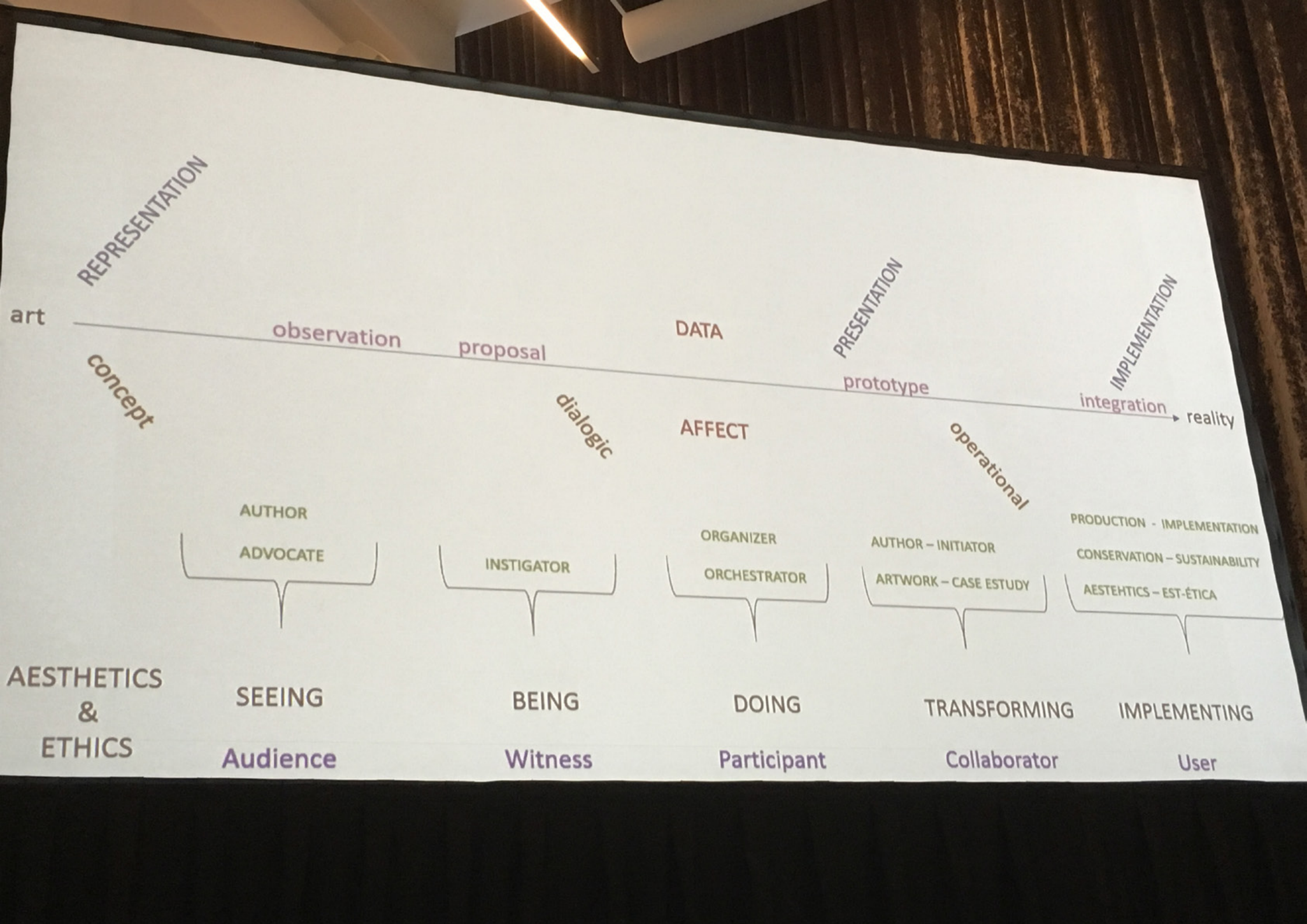
**Boris Magrini**  
Curator  
Basle, Switzerland



**Raphael Perret**  
Artist  
Zurich, Switzerland

ART AS A VERB





Artist becomes an initiator

Artworks seeing as case studies

Spectator is a user

Museum as a civic space

Result is not produced but implemented