

RESPONSIVE GRID WORKSHOP

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WIE WE ZIJN

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WAT HEB JE VANDAAG NODIG

Laptop met code editor

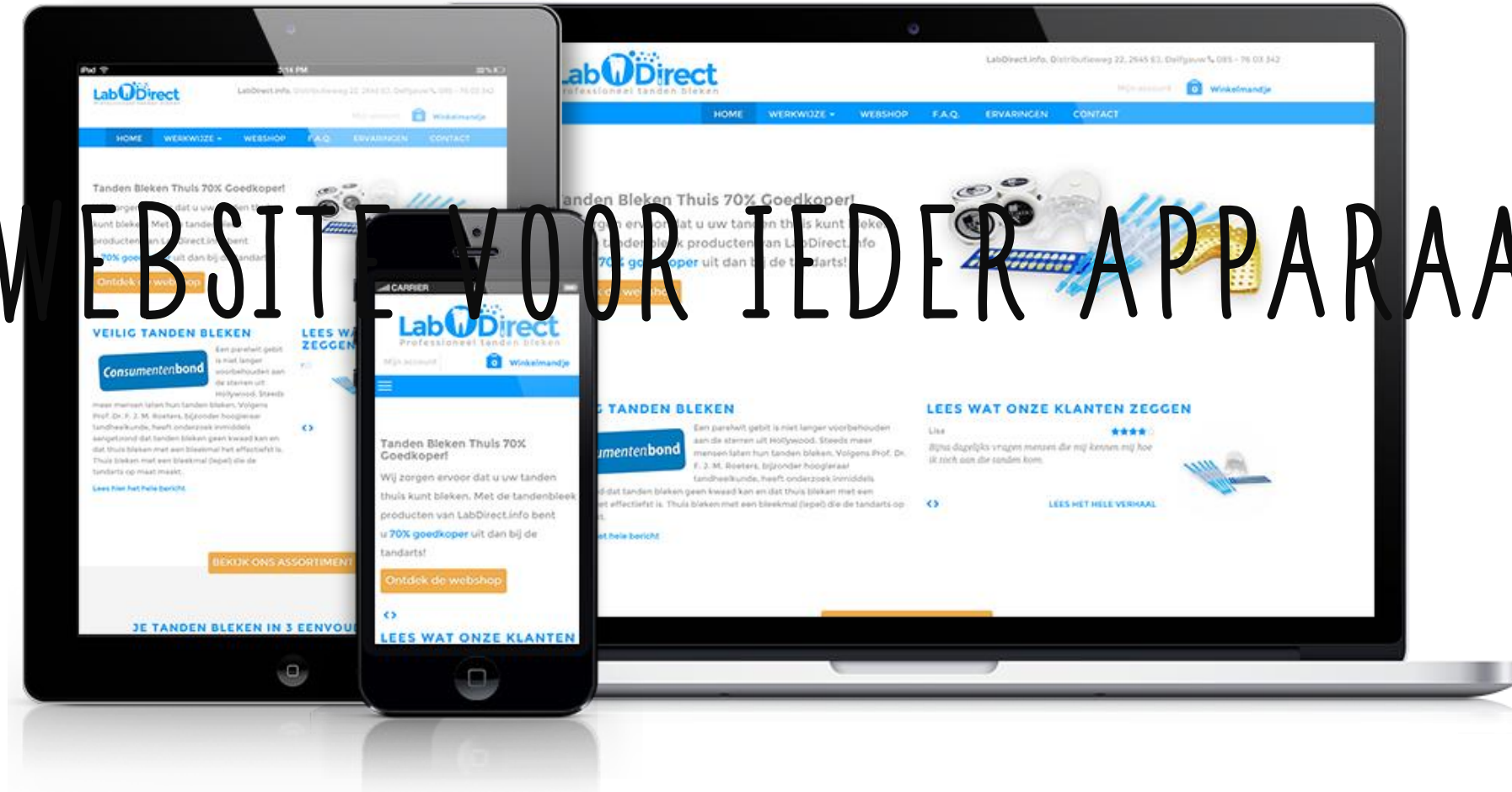
Een kopie van Bootstrap

Potlood (met gum)

BLOK 1 : INTRODUCTIE RESPONSIVE DESIGN & HET GRID CONCEPT

WAT IS RESPONSIVE DESIGN

1 WEBSITE VOOR IEDER APPARAAT



WAAROM RESPONSIVE DESIGN?

% SMARTPHONE BEZITTERS NEDERLAND



52%

2011

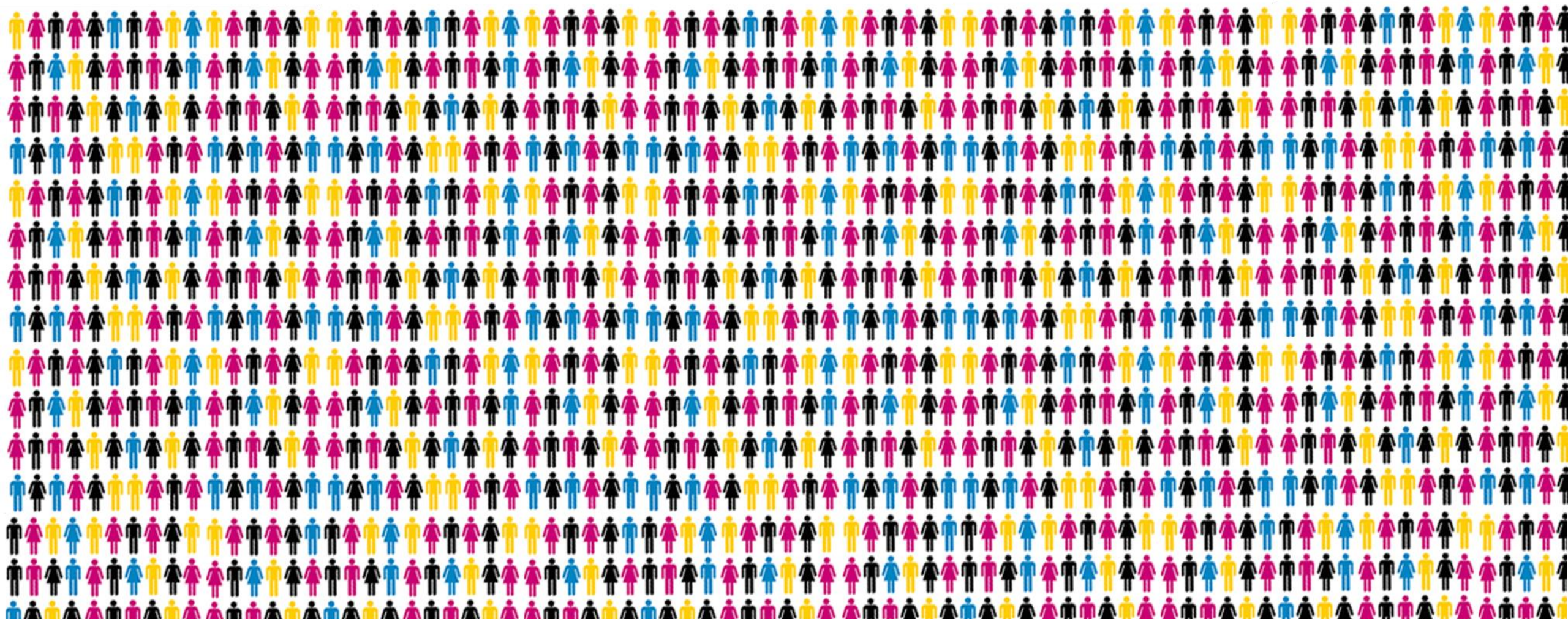
60%

2012

72%

2013

12.000.000 MENSEN





WAAROM DAN GEEN NATIVE APP?

IEDER APPARAAT ZIJN EIGEN APP



iOS



Android



Blackberry OS

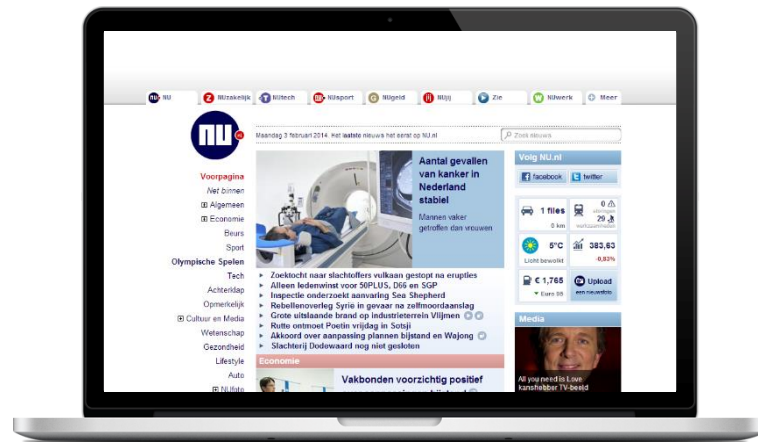


Windows Phone

EN EEN MOBIELE WEBSITE?



TWEE APARTE WEBSITES

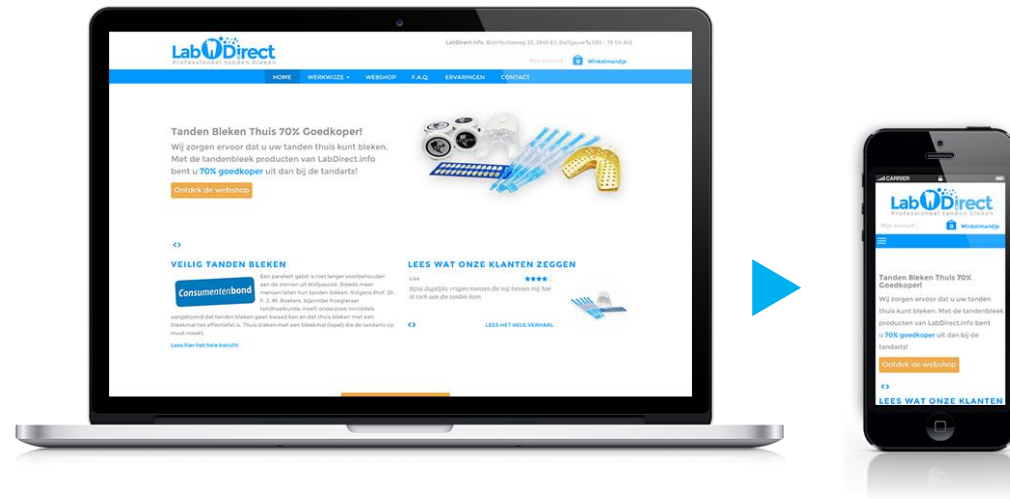


hetdomein.nl
Desktop



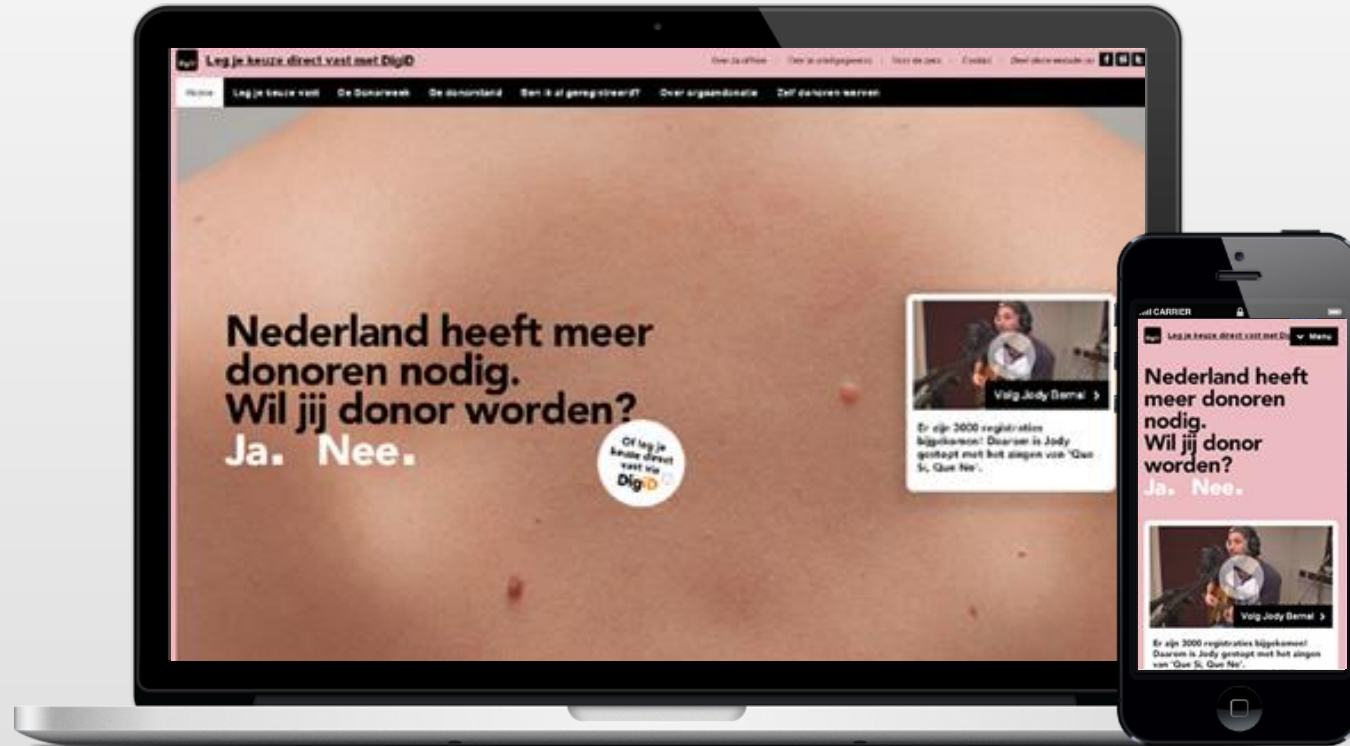
m.hetdomein.nl
mobiel

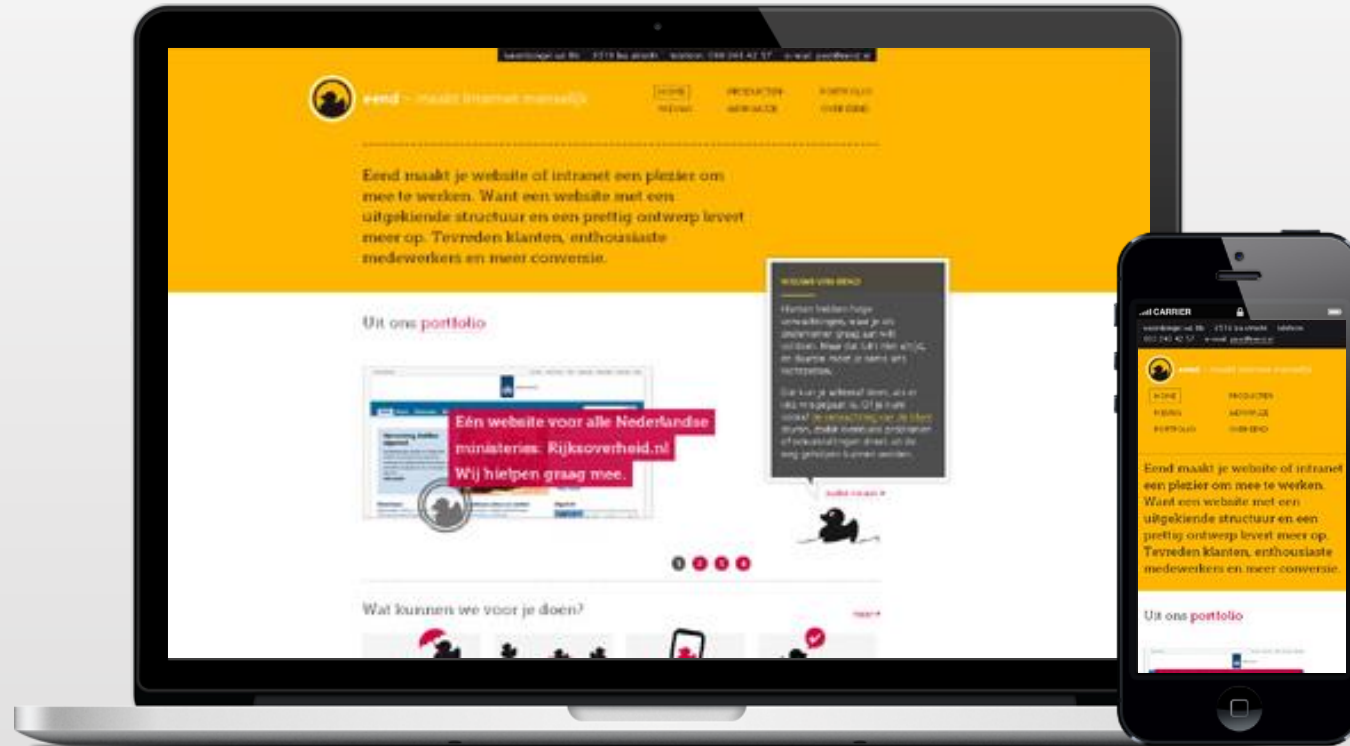
1 CODEBASE VOOR IEDER APPARATEN



hetdomein.nl
Responsive design

EEN AANTAL VOORBEELDEN

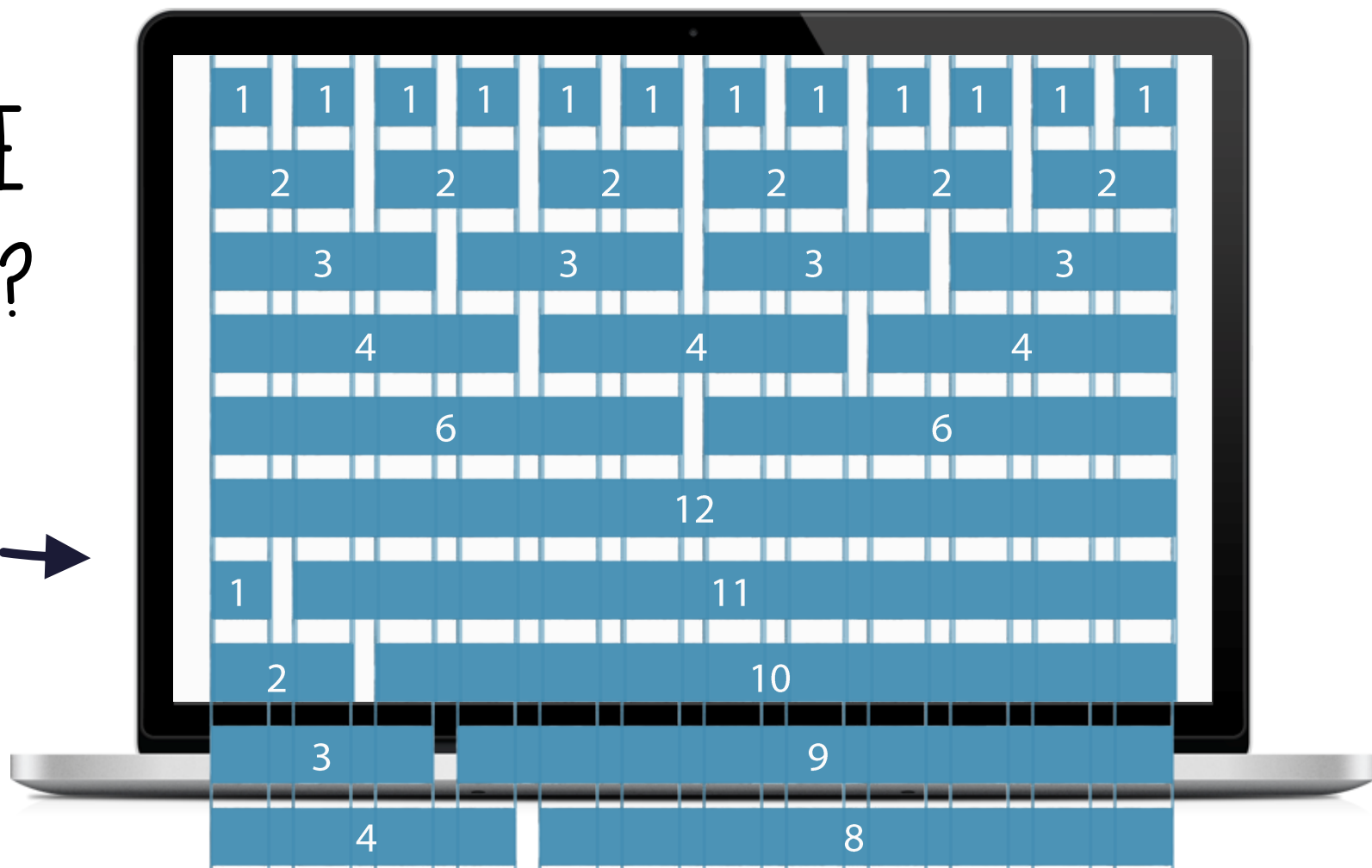




WAT IS EEN GRID?

WAT IS EEN GRID?

WAT HEBBEN DEZE BLOKKEN GEMEEN?





Foundation
Start here, build everywhere.

FRAMEWORKS

Skeleton

Zimit
OpenSource Framework

HTML5 ★ BOILERPLATE

ZELF EEN GRID MAKEN?



A close-up photograph of a right hand holding a black pencil, positioned as if about to write on a white surface. The hand is light-skinned and has a clean, manicured appearance. The pencil is held in a tripod grip. The text 'HOE TE BEGINNEN' is written in a dark grey, sans-serif, all-caps font on the white surface. The lighting is bright and even, casting a soft shadow of the hand and arm onto the surface.

HOE TE BEGINNEN

SCHETSEN

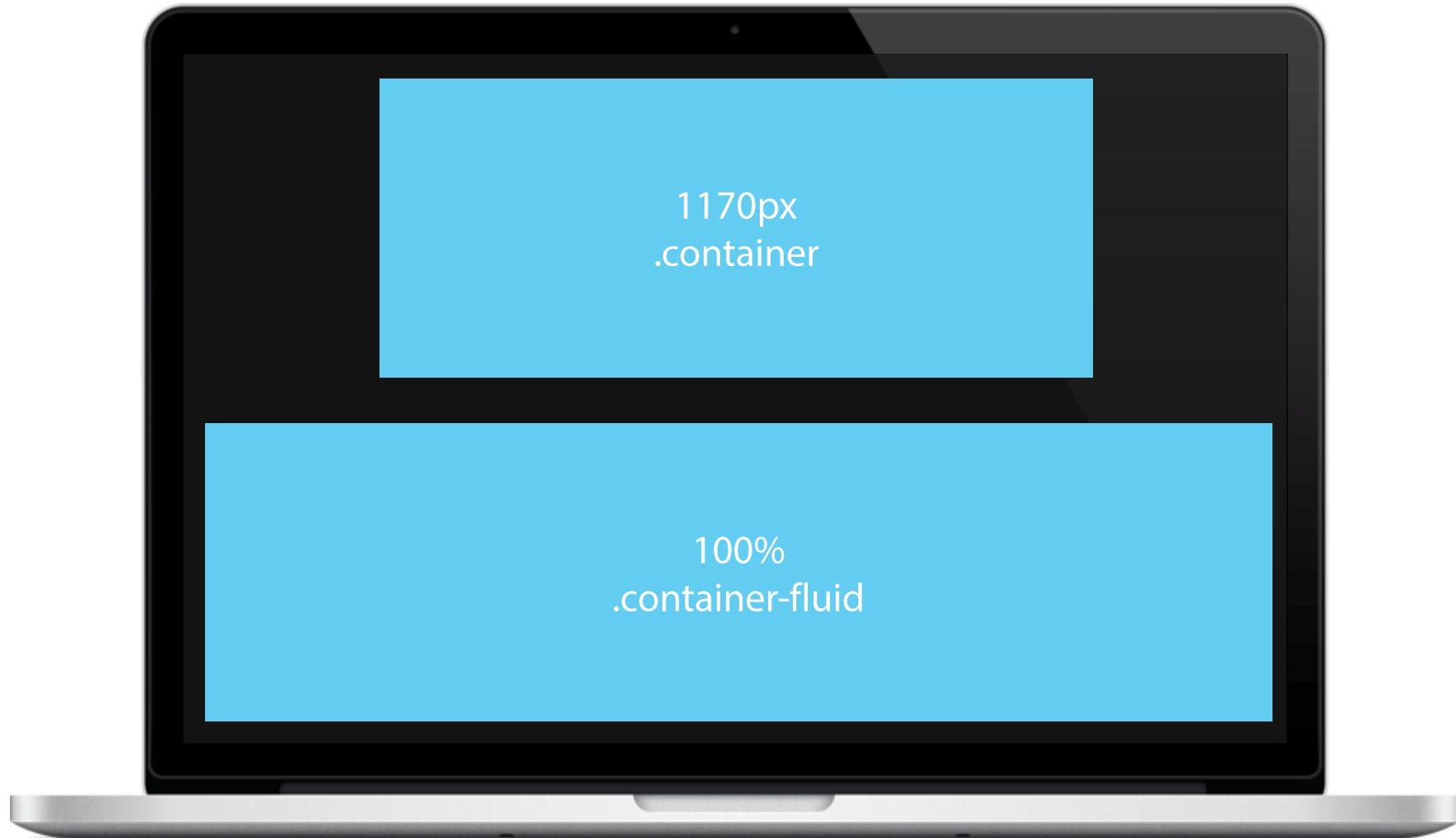


BLOK 2 : HET GRID SYSTEEM BINNEN BOOTSTRAP

CONTAINERS

```
<!-- Responsive design met maximum van 1170px  
-->  
<div class="container">  
  ...  
</div>  
  
<!-- Volledige breedte scherm -->  
<div class="container-fluid">  
  ...  
</div>
```

CONTAINERS (2)



ROWS

```
<div class="container">  
  <div class="row">...</div>  
</div>
```

ROWS (2)



COLUMNS

```
<div class="container">  
  <div class="row">  
    <div class="col-lg-12">...</div>  
  </div>  
  <div class="row">  
    <div class="col-lg-4">...</div>  
    <div class="col-lg-4">...</div>  
    <div class="col-lg-4">...</div>  
  </div>  
</div>
```

COLUMNS



.row
1170px – 30px margin

NESTED ROWS & COLUMNS

```
<div class="container">
  <div class="row">
    <div class="col-lg-8">
      <div class="row">
        <div class="col-md-6">...</div>
        <div class="col-md-6">...</div>
      </div>
    </div>
    <div class="col-lg-4">...</div>
  </div>
</div>
```

NESTED ROWS & COLUMNS



ELEMENTEN BINNEN BOOTSTRAP

BUTTONS

BUTTONS

```
<!-- Standaard button -->  
<button type="button" class="btn btn-default">Default</button>  
  
<!-- Primaire actie button -->  
<button type="button" class="btn btn-primary">Primary</button>  
  
<button type="button" class="btn btn-success">Success</button>  
<button type="button" class="btn btn-info">Info</button>
```

BUTTONS

```
<button type="button" class="btn btn-warning">Warning</button>
```

```
<button type="button" class="btn btn-danger">Danger</button>
```

```
<button type="button" class="btn btn-link">Link</button>
```

TABLES

TABLES

```
<table class="table">  
  <thead>  
    <tr>  
      <th>...</th>  
      <th>...</th>  
    </tr>  
  </thead>
```

...

TABLES

...

```
<tbody>
  <tr>
    <td>...</td>
    <td>...</td>
  </tr>
</tbody>
</table>
```

RESPONSIVE TABLE

TABLES

```
<div class="table-responsive">  
  <table class="table">  
    ...  
  </table>  
</div>
```

IMAGES

RESPONSIVE IMAGES

```

```

IMAGE SHAPES

```
<!-- Afbeelding met afgeronde  
hoeken -->
```

```

```

```
<!-- Ronde afbeelding -->
```

```

```

```
<!-- Afbeelding met rand -->
```

```

```

OPDRACHT 2
BRENG JE SCHETS TOT LEVEN MET
BEHULP VAN BOOTSTRAP

BLOK 3: RESPONSIVE DESIGN MET BOOTSTRAP

WAAR GAAT HET VAAK FOUT!

Navigatie

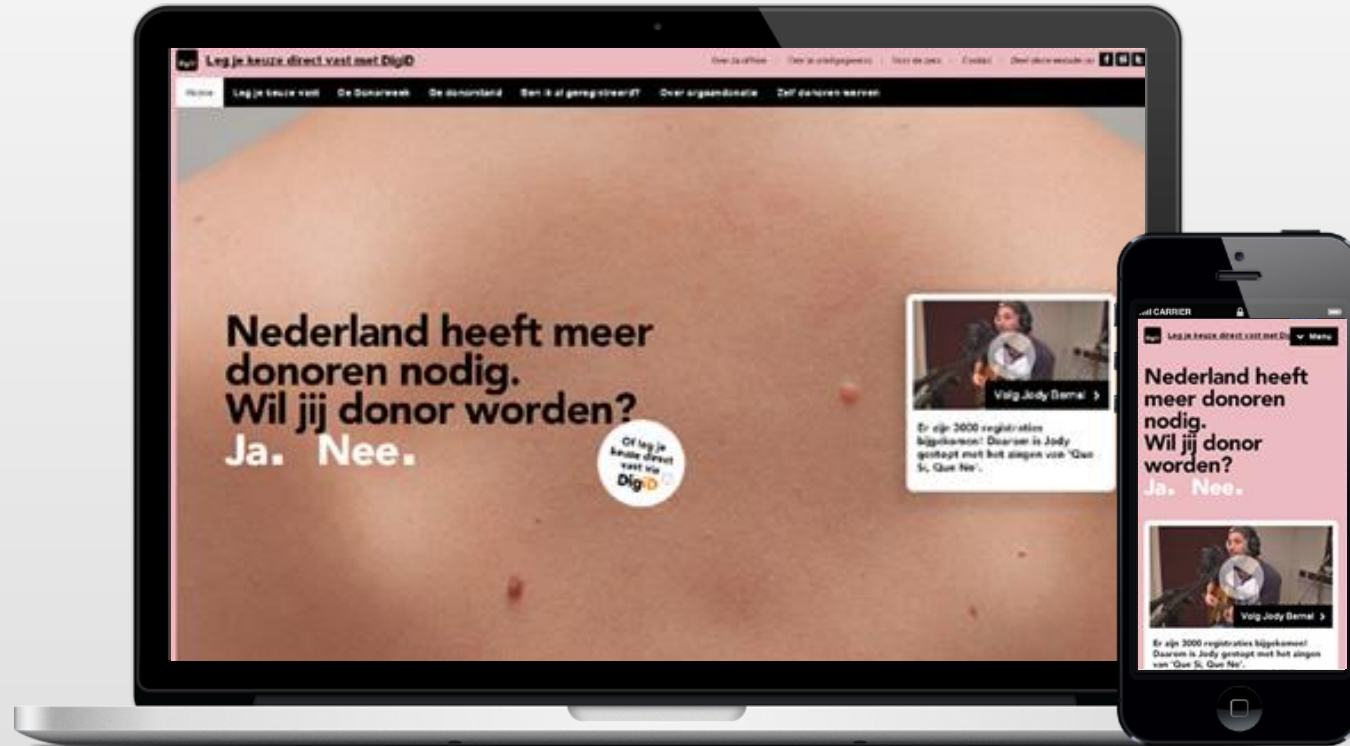
Sidebars

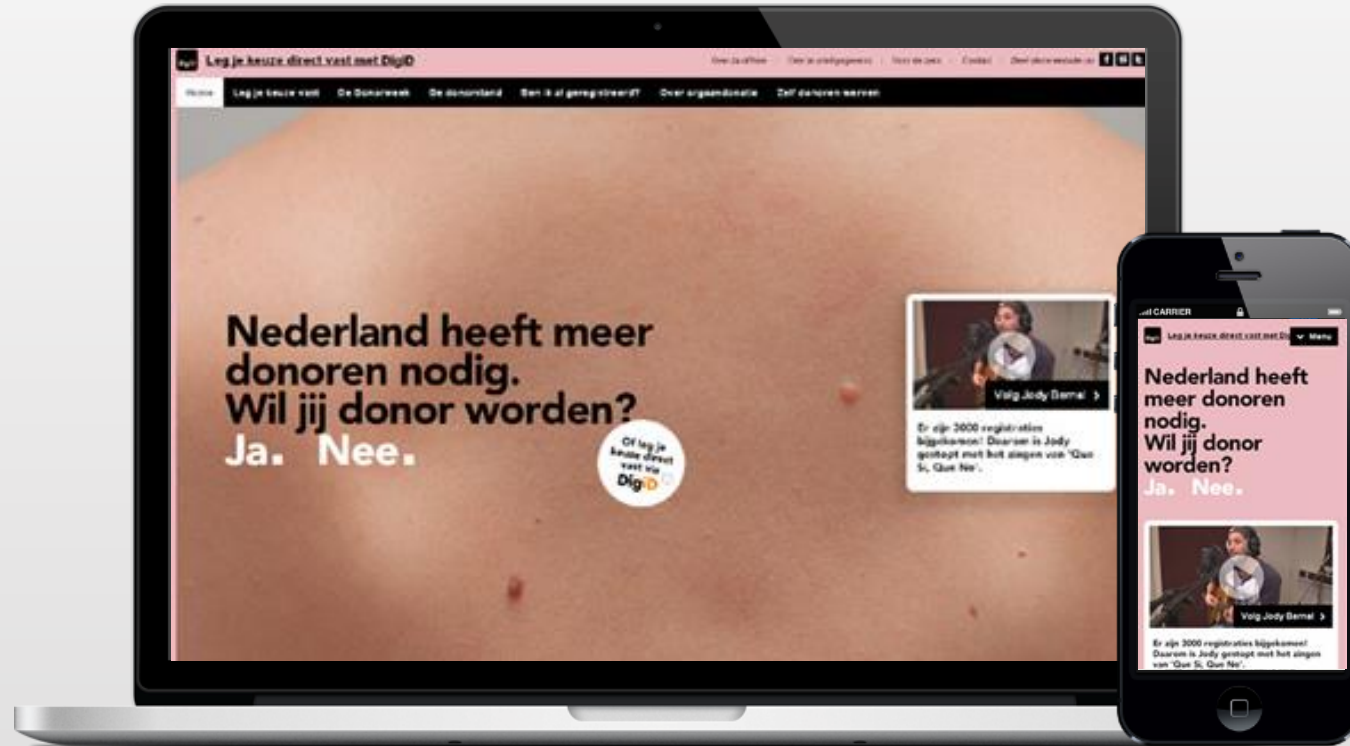
Forms

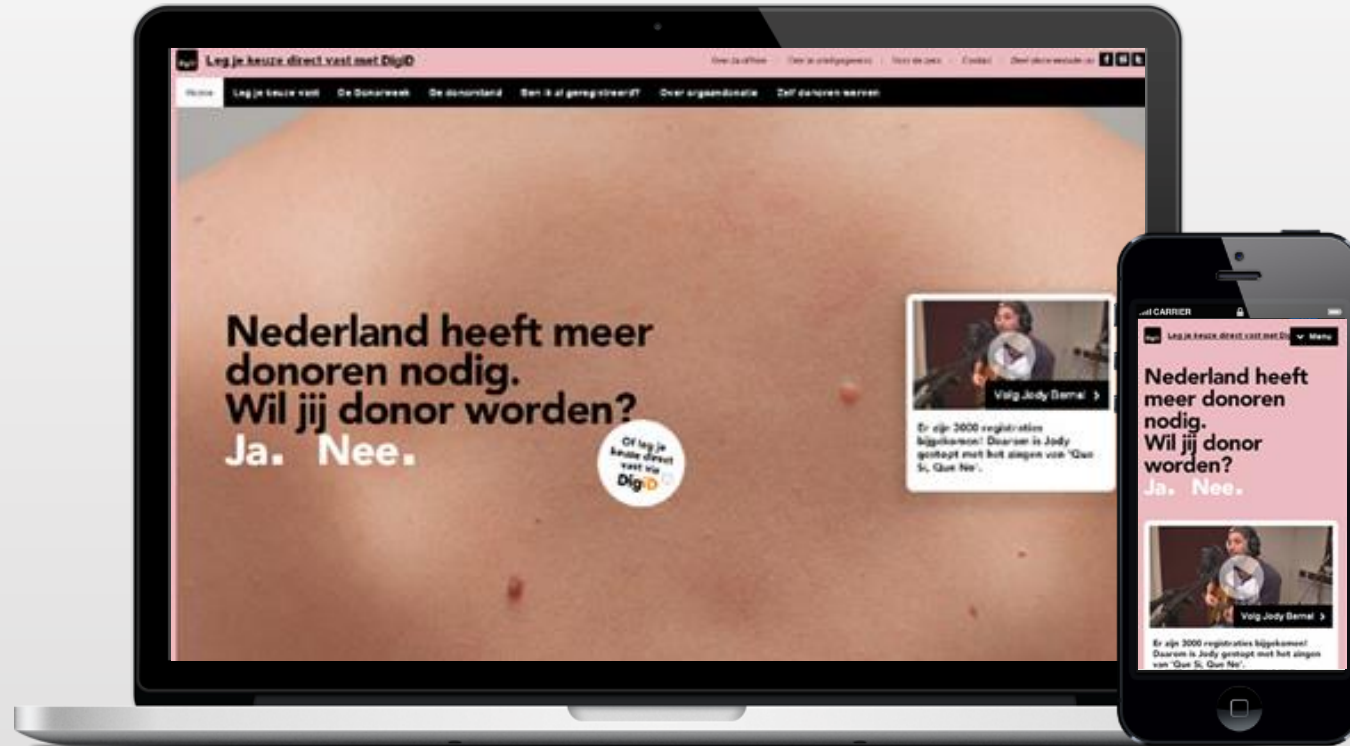
Afbeeldingen

Tabellen

Touchscreen







HOE KUNNEN WE DIT ONDERVANGEN

MEDIA QUERIES

```
/* Kleine schermen(tablets, 768px en hoger)
*/
@media (min-width: @screen-sm-min) { ... }

/* Medium schermen (laptops, 992px en
hoger) */
@media (min-width: @screen-md-min) { ... }

/* Grote schermen (desktops, 1200px en
hoger) */
@media (min-width: @screen-lg-min) { ... }
```