Health impact Assessment
Creating health and community in Australia's most high density brownfield development - Green Square

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*Presenter
Cadigal land
278 hectares located halfway between Sydney’s CBD and airport
$13 billion estimated total development value
61,000 residents, 21,000 jobs
1999: 3,000 residents
2030: 61,000 residents
61,000 people in 2.78 km²
21,942 per km²
Higher density than Manhattan, Cairo, Paris, or Colombo
A focus on children
<table>
<thead>
<tr>
<th>Household Type</th>
<th>Proportion of households in Green Square (%)</th>
<th>Proportion of local growth between 2011-16 (%)</th>
<th>Proportion of households in rest of City of Sydney</th>
</tr>
</thead>
<tbody>
<tr>
<td>Couples with children</td>
<td>13.8</td>
<td>42.7</td>
<td>10.3</td>
</tr>
<tr>
<td>Couples without children</td>
<td>30.1</td>
<td>82.5</td>
<td>28.2</td>
</tr>
<tr>
<td>Sole parent + other family</td>
<td>8.4</td>
<td>24.1</td>
<td>7.4</td>
</tr>
<tr>
<td>Group households</td>
<td>17.4</td>
<td>106.7</td>
<td>14.2</td>
</tr>
<tr>
<td>Lone-person households</td>
<td>30.3</td>
<td>36.3</td>
<td>39.9</td>
</tr>
<tr>
<td>All households</td>
<td>100.0</td>
<td>53.8</td>
<td>100.0</td>
</tr>
</tbody>
</table>
The first 1,000 days
HEALTH IMPACT ASSESSMENT:
A PRACTICAL GUIDE

Needs Assessment

Planning

Draft Proposal

HIA

Screening

Revised Proposal

Implementation

Monitoring

Evaluation
Children
Transport
Affordable housing
Social and community infrastructure
Potential Health Impacts

Direct Impacts

- Bike and pedestrian infrastructure
- Access to parks and green space
- Exposure to traffic
- Exposure to air pollution
- Overcrowding
- Access to schools/childcare
- Poor quality housing
- Living vertically

Intermediate Impacts

- Physical activity
- Perception of safety
- Traffic accidents
- Social cohesion/networks
- Family dysfunction

Potential Health Impacts

- Overweight and obesity
- Mental and physical health
- Stigma and poor self esteem
- Sleep disturbance
- Traffic injuries
- Parental stress
- Child development
- Behavioural problems

Well being
Quality of life
Education outcomes

Child health
Child development
Potential impacts on children

Often overlooked in development
Potential impacts
Dwelling/apartment block level

• Pressure to keep quiet
• Lack of safe supervised outdoor areas
• Pressure to reduce floor space for play, storage, bikes, etc.

Child blind planning
Potential impacts
Precinct/neighbourhood level

- Quality and number of schools
- Lack large open places such as ovals and basketball courts
- Limited safe walking or riding corridors
- “Wild places” for children in natural environment
- Limited ability to supervise children playing outside
High-level recommendations

1. Urgent investment in adequate well appointed schools
2. Support for City of Sydney investment in recreational facilities
3. Creation of “wild places” for children and increased open space
4. Safety for walking and riding in the area
5. Processes to promote safety in development phase
6. Continued advocacy for no changes to building codes
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