ICT in the Kenyan Health Sector

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GTZ Kenya
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Presentation Outline
- Background
- The Kenyan Health Sector
- Application of ICTs in the Health Sector
- Roles of the “industry”

Background
- GOK: ICT is a key tool for modernization & development;
- GOK: ICT is a tool for enhancing the quality of healthcare services delivery
- Development partners: ready to fund ICT initiatives
- Agenda: efficiency, communication, quality, participation

Where do we come from?

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>IMR(per 100)</td>
<td>65</td>
<td>62</td>
<td>74</td>
<td>78</td>
</tr>
<tr>
<td>USMR(per 1000)</td>
<td>89</td>
<td>96</td>
<td>112</td>
<td>114</td>
</tr>
<tr>
<td>Fully Immunized (%)</td>
<td>79</td>
<td>65</td>
<td>59</td>
<td></td>
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<tr>
<td>MMR(per 100000)</td>
<td>590</td>
<td>414</td>
<td></td>
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<tr>
<td>Antenatal Care Attendance</td>
<td>78%</td>
<td>95%</td>
<td>92%</td>
<td>90%</td>
</tr>
<tr>
<td>Deliveries by Prof %</td>
<td>50</td>
<td>45</td>
<td>44</td>
<td>41</td>
</tr>
<tr>
<td>Total Fertility Rate</td>
<td>5.4</td>
<td>4.7</td>
<td>5.3</td>
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</tbody>
</table>
Regional Disparities

Under-five mortality rate (per 1000)

Source: Kenya Demographic Health Survey 2003

Sector Financing

Note on Health Systems
La Historia de la Medicina en Mexico: gente demanda mejor salud, 1953

Fresco, Hospital de La Raza, Ciudad de Mexico

Ceiling of a delivery suite (Jeschke, S., 2000)
Shower of a delivery room (Jeschke, S., 2000)

“There’s no other hospital like it!”

Sector Financing

Source of Health Funds

- Households: 51.1%
- Private Companies: 2.3%
- GoK: 29.6%
- Donors: 16.3%
- Local Foundations: 0.6%
- Not Specified: 0.1%

Fragmentation in international effort ….

Source: DoN Dey Savi

& COHRED
### Strategic Planning Matrix  ICT in the Health Sector

<table>
<thead>
<tr>
<th>Policy Planning</th>
<th>Service Delivery</th>
<th>Education Training CPO</th>
<th>DNS</th>
<th>For profit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strategic Planning</td>
<td>-/+</td>
<td>-/+</td>
<td>-/+</td>
<td>-/+</td>
</tr>
<tr>
<td>Planning Management</td>
<td>-/-</td>
<td>(*)</td>
<td>(*)</td>
<td>+</td>
</tr>
<tr>
<td>Transaction processing</td>
<td>--</td>
<td>--</td>
<td>-/+</td>
<td>-/+</td>
</tr>
</tbody>
</table>

### Conclusion
- Enormous need; some demand, very limited supply for ICT application
- Donors: ready to engage but need to be convinced
- Mixed investment climate
- Universities – status nascendi?
- Industry: ready to engage
The Future

Asante Sana