

# Response on Consultation Document on 3<sup>rd</sup> Strategy on IT in Education

The following tables provide an overview of the specific areas of capability and capacity of CORE Education and the iNZed group of companies to contribute to the development of programmes, systems and products that will assist in fulfilling the goals within each of the action areas identified in the 3<sup>rd</sup> Strategic Plan for Education in Hong Kong. In each of the tables, the left hand column contains key words or phrases taken from the consultation document, while the right hand column contains information about CORE and/or iNZed that is relevant to this.

1. *to provide a depository of curriculum-based teaching modules with appropriate digital resources;*

Themes/areas of focus	CORE/iNZed capability that matches
<ul style="list-style-type: none"> <li>• Online structured repository – lesson plans, teaching resources etc</li> <li>• Practical advice</li> <li>• Building teacher IT capacity</li> </ul>	<p>TKI, the NZ Ministry of Education’s bilingual portal-plus web community which provides quality assured educational material for New Zealand teachers, school managers, and the wider education community. (see <a href="http://www.tki.org.nz">http://www.tki.org.nz</a>) TKI is developed and managed by CWA for the Ministry.</p> <p>CORE currently employs the development team for eXe, the award winning XHTML tool that enables teachers to author and publish their own high quality educational resources without having to learn the technical intricacies of packaging standards. <a href="http://home.core-ed.net/projects/eXe/">http://home.core-ed.net/projects/eXe/</a> eXe is currently being used by a number of colleges, schools and universities internationally, with digital content being made available through any SCORM compliant LMS system (eg Moodle, Interact, Blackboard etc).</p> <p>Experience in providing webv2.0 tools for teachers and PD that involves the use of these tools, including teacher created blogs and wikis. Examples – Derek Wenmoth’s professional learning blog <a href="http://blog.core-ed.net/derek">http://blog.core-ed.net/derek</a> and professional content wiki <a href="http://educationalsoftware.wikispaces.com/EduBlogs">http://educationalsoftware.wikispaces.com/EduBlogs</a> We also provide support and guidance on the use of RSS and the impact of RSS on linking learning content and professionals. A list of NZ educator’s blogs and wikis can be found at <a href="http://nzedublogs.wikispaces.com/">http://nzedublogs.wikispaces.com/</a></p> <p>We are connected with and work to inform the efforts of a NZ company called eCast (<a href="http://www.e-cast.co.nz">www.e-cast.co.nz</a>), a video streaming and hosting service for educational content.</p>

2. to continue to sharpen teachers' IT pedagogical skills;

Themes/areas of focus	CORE/iNZed capability that matches
<ul style="list-style-type: none"> <li>• Technical knowledge</li> <li>• Pedagogical integration</li> <li>• Managing and leading IT</li> <li>• Socio-cultural awareness</li> <li>• Peer-to-peer collaborative activities</li> <li>• Online learning communities</li> <li>• “good practices on IT in education”</li> <li>• Centres of excellence in IT in education</li> </ul>	<p>CORE has been responsible for the design and overall management and facilitation of ICT PD Clusters project since it began in 1999. ICT PD is an initiative of the New Zealand Ministry of Education, outlined in the Digital Horizons – Learning through ICT strategy document. Under the ICT PD initiative, clusters of schools throughout New Zealand are contracted for up to three years to provide ICT professional development programmes. <a href="http://home.core-ed.net/projects/ICTPD/">http://home.core-ed.net/projects/ICTPD/</a></p> <p>CORE Education organises several national conferences annually on Information and Communications Technology in Education (ICT). We have now run many successful educational events and our aim is to build on the growing momentum of the Ministry of Education’s ICT PD Clusters project which has made New Zealand a world leader in the successful introduction of ICT for the enhancement of learning at all ages. <a href="http://home.core-ed.net/projects/Conferences/">http://home.core-ed.net/projects/Conferences/</a></p> <p>CORE has a wide range of regional developmental activity that covers whole school change, leadership, curriculum development, personalised learning, e-learning across all sectors</p> <p>As one of the iNZed (Innovation New Zealand Education) members, CORE contributed its ICT PD experience to the KPEC (K-Perak E-Learning Cluster) project, a school-based programme designed to provide professional development for teachers in a cluster of five selected schools in Perak, Malaysia. The 3-month demonstrator project aimed to build e-learning capability within the schools. <a href="http://home.core-ed.net/projects/kpec/index_html/">http://home.core-ed.net/projects/kpec/index_html/</a></p> <p>Another of the iNZed partners, Heurisko (<a href="http://www.heurisko.co.nz">http://www.heurisko.co.nz</a>) provided a series of virtual field trips to the KPEC schools in Malaysia, based on the successful LEARNZ field trips that they provide in NZ (<a href="http://www.learnz.org.nz">http://www.learnz.org.nz</a>)</p> <p>CORE Education manages a national teacher’s portal that is home to a variety of professional learning communities that are supporting major professional learning/development projects both regionally and nationally. <a href="http://centre4.interact.ac.nz">http://centre4.interact.ac.nz</a></p> <p>T4T4T, a Ministry of Education-funded 15-month pilot project undertaken during the 2004 academic year, was a web-supported professional development community designed specifically for groups of tertiary teachers working within four Canterbury tertiary institutions. <a href="http://home.core-ed.net/projects/copy_of_T4T4T/">http://home.core-ed.net/projects/copy_of_T4T4T/</a></p> <p>CORE Education has designed and managed, on behalf of the Ministry of Education, a national e-Fellows programme since 2004, providing a year-long programme of support and mentoring for a group of teachers</p>

selected as leaders and innovators in the use of ICT in education (<http://www.tki.org.nz/r/ict/efellows> )  
 CORE has a well qualified and experienced research team who have provided much of the research to inform the development of the ICT projects, and the evaluations of projects that have been undertaken. This research is published on the Ministry of Education’s website at <http://educationcounts.edcentre.govt.nz>

*3. to assist schools to draw up and implement school-based IT in education development plans;*

Themes/areas of focus	CORE/iNZed capability that matches
<ul style="list-style-type: none"> <li>• Creating school-based plans</li> <li>• Developing a model school</li> <li>• Model “road-maps” that include:               <ul style="list-style-type: none"> <li>- evaluative tools</li> <li>- resources planning</li> <li>- guide to student’s self-learning</li> </ul> </li> </ul>	<p>EPS (Educational Positioning System): CORE Education was commissioned by the New Zealand Ministry of Education to develop the Educational Positioning System (EPS) for teachers to use to self-evaluate their use of ICTs with classes. <a href="http://home.core-ed.net/projects/eps/">http://home.core-ed.net/projects/eps/</a></p> <p>More recently, CORE staff have worked together with Dr Julia Atkin (noted Australian academic) to take the EPS development a step further into whole school curriculum development and integration.</p> <p>CORE Education together with leading Australian educational facilitators, Joan Dalton and David Anderson work with school leadership teams to transform their school into communities of learning using the PLOT (Professional Online Learning Tools). <a href="http://home.core-ed.net/projects/PLOT%20PD/">http://home.core-ed.net/projects/PLOT%20PD/</a></p>

*4. to enable schools to maintain effective IT facilities;*

Themes/areas of focus	CORE/iNZed capability that matches
<ul style="list-style-type: none"> <li>• ICT procurement planning, including:               <ul style="list-style-type: none"> <li>- Consumables,</li> <li>- Technical services, internet access (ISP)</li> <li>- School-based technicians</li> </ul> </li> <li>• Recycling options</li> </ul>	<p>CORE staff, along with other members of the iNZed group of companies have worked alongside the Ministry of Education on a number of initiatives that may be useful in this action area, including:</p> <p>Tela (Laptops for Teachers Scheme) – and initiative that gives all permanent full-time and part-time teachers in state and integrated schools the opportunity to access a leased laptop for a three-year period <a href="http://www.minedu.govt.nz/goto/tela">http://www.minedu.govt.nz/goto/tela</a></p> <p>CORE also plays a leading role in the development of an advanced network (1Gb minimum) across New Zealand, linking NZ schools in local fibre “loops” to provide high speed connectivity to the internet and to shared services infrastructures.</p>

5. *to strengthen technical support to schools and teachers;*

Themes/areas of focus	CORE/iNZed capability that matches
<ul style="list-style-type: none"> <li>• ICT help desk</li> <li>• IT technicians in schools</li> </ul>	<p>CORE staff, along with other members of the iNZed group of companies have worked alongside the Ministry of Education on a number of initiatives that may be useful in this action area, including:</p> <p>Software for Learning, - a website providing information on a range of quality software being used in New Zealand educational settings, available free or at negotiated prices.  <a href="http://www.tki.org.nz/r/ict/software/index_e.php">http://www.tki.org.nz/r/ict/software/index_e.php</a></p> <p>ICT HelpDesk - provides first level support for schools across a range of hardware and software applications. <a href="http://www.tki.org.nz/r/ict/helpdesk">http://www.tki.org.nz/r/ict/helpdesk</a></p>

6. *to collaborate with non-governmental organizations to raise information literacy of parents and launch parental guidance programmes on e-learning at home.*

Themes/areas of focus	CORE/iNZed capability that matches
<ul style="list-style-type: none"> <li>• Online self-learning kits for use at home</li> <li>• Support for parents who are not information literate</li> <li>• Cyber-safety education</li> </ul>	<p>CORE Education works with and supports the work of NetSafe (NZ) (<a href="http://www.netsafe.org.nz">http://www.netsafe.org.nz</a>), a non-profit organisation that offers schools resources, information and referrals to help maintain a cybersafe learning environment.</p> <p>Netsafe have also assisted in the development of Hector's World, an award winning online resource targeted at younger school students (<a href="http://www.hectorsworld.com/">http://www.hectorsworld.com/</a>)</p>