



Information & Technologies

Cree School Board Regional General Assembly

Presentation by: Director of IT Services

Date: November 9th, 2016



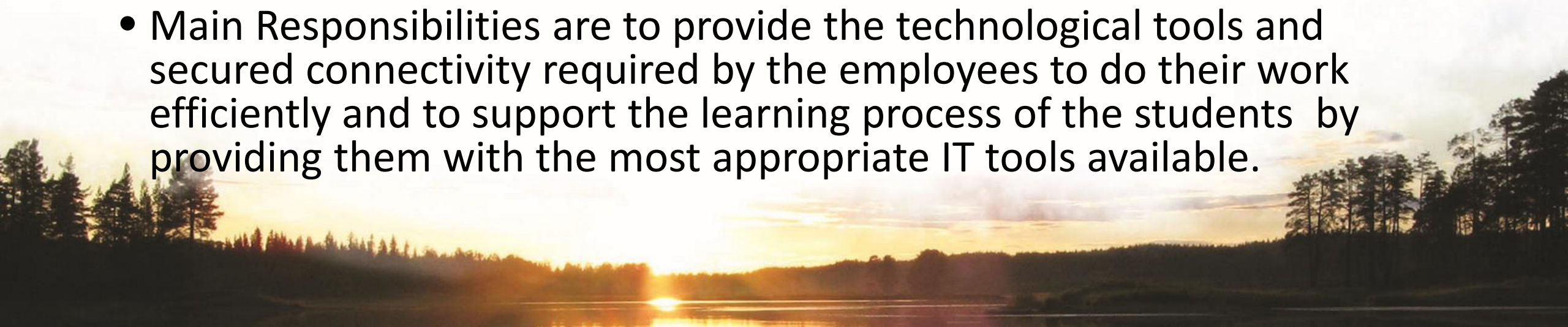
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Introduction

- WHO ARE WE?: Information & Technologies Services
- WHERE?: Based at Head Office in Mistissini (8 employees)
 - + Local technicians assigned to schools in:
 - Mistissini (1)
 - Chisasibi (2) + 1 for Adult Ed. and Education Services
 - Waswanipi (1) + 1 for the SRVTC
 - Waskaganish (1)
 - Wemindji (1)
- Main Responsibilities are to provide the technological tools and secured connectivity required by the employees to do their work efficiently and to support the learning process of the students by providing them with the most appropriate IT tools available.

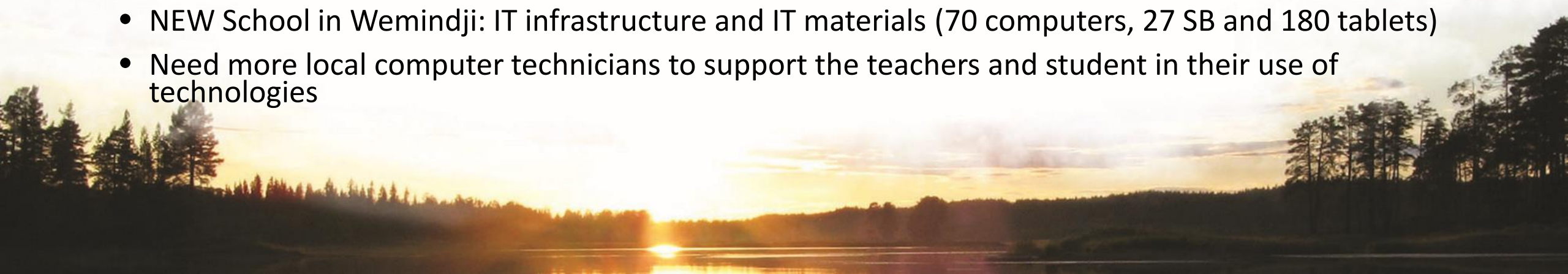




2015-2016 Year in Review



- More than 2,500 computers to support
- Data center with 45 servers (Windows 2012 migration project)
- Almost 500 tablets (ipads). Increasing by more than 100 every year!
- 25 office IP phone systems
- More than 300 Smart Boards in the schools
- 1500 user accounts (email and network)
- Spends 1M\$/year for telecommunications services for the schools and of
- Spent \$450,000 in IT purchases for the schools alone (SB, Laptops, desktops, printers, WiFi, etc)
- NEW EMPLOYEE Web Portal: E-You 1.0
- BoardWide VideoConferencing and e-Communication services deployment
- NEW School in Wemindji: IT infrastructure and IT materials (70 computers, 27 SB and 180 tablets)
- Need more local computer technicians to support the teachers and student in their use of technologies

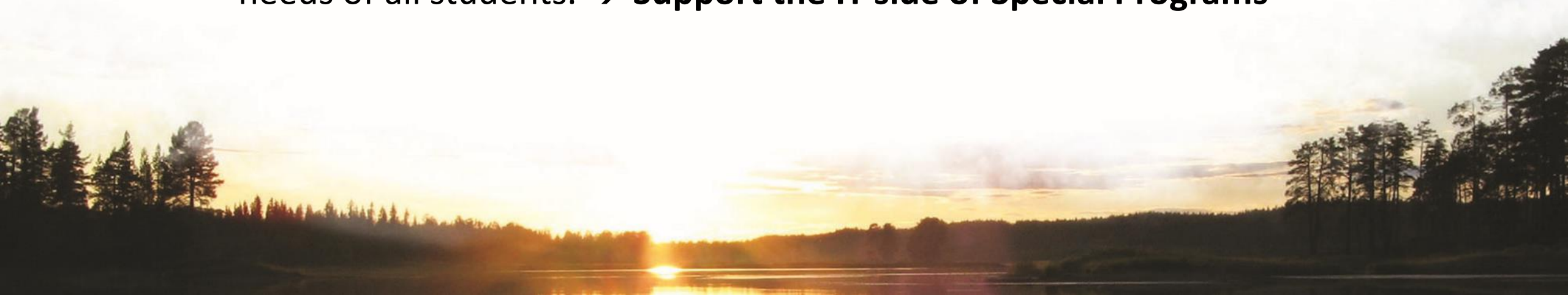




2016-2021 Strategic Action Plan Initiatives

- **1. Educational Success**

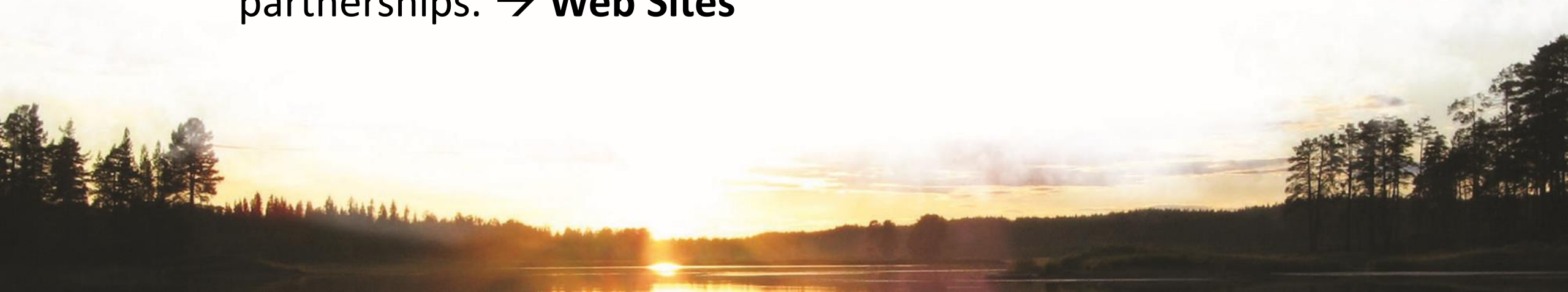
- 1.1 Determine the student population, profiles, and needs for 2016-2021. → **Use IT systems for Data analysis**
- 1.2 Actively motivate and engage students in their learning. → **Provide proper IT Tools for Teachers and students**
- 1.3 Effectively communicate with and receive feedback from students. → **Online Surveys**
- 1.4 Develop pathways, programs and partnerships that reflect the needs of all students. → **Support the IT side of Special Programs**





2016-2021 Strategic Action Plan Initiatives

- **2. Student, Parent, and Community Engagement**
 - 2.2 Actively engage family members in the promotion of student achievement and well-being. → **Online Tools for Parents**
 - 2.5 Enhance visibility and awareness of Sabtuan Adult Education Services and Post-Secondary Student Services, and access to their programs and partnerships. → **Web Sites**

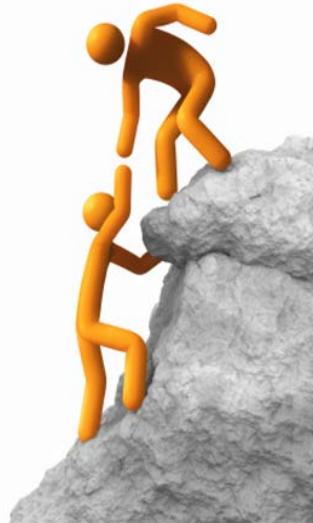




2016-2021 Strategic Action Plan Initiatives

- **3. Qualified, Competent, and Engaged Staff**

- 3.1 Determine 2016-2021 staffing requirements to align with organizational priorities. → **IT Systems Data**
- 3.3 Effectively attract and hire qualified, competent and engaged candidates in all areas of the organization. → **Online Tools and Web Site**
- 3.5 Enhance and promote employee engagement to increase motivation and pride to work for the CSB. → **Mentoring and Coaching**
- 3.6 Recognize and reward meaningful employee contributions. → **Celebrate as a team and reward achievements**
- 3.7 Ensure all employees have access to the Performance Management Program. → **Teach others by example**
- 3.8 Ensure all employees have access to professional development resources to further their professional skills. → **Promote training improvement opportunities for staff**





2016-2021 Strategic Action Plan Initiatives

• 4. Organizational Behaviour and Effectiveness

- 4.2 Optimize data management and recordkeeping. → **Prepare IT infrastructure to respond to this demand**
- 4.3 Determine and commit to the types of services and turnaround times offered internally by departments. → **Commit to high level of support and service agreement**
- 4.4 Effectively communicate with internal and external audiences. → **Keep communication tools available at all times and react and respond quickly**
- 4.5 Enhance the effectiveness of meetings. → **Use technologies as much as possible, stick to the essentials**
- 4.6 Leverage technology effectively to support student outcomes and improve CSB-wide efficiency. → **The MOZAIK Project**
- 4.7 Ensure governance frameworks (including operational policies, procedures and tools) meet current and emerging organizational needs. → **Align IT governance**





2016-2021 Strategic Action Plan Initiatives

1 Organizational Behaviour and Effectiveness (Support and Improve the automation of processes across CSB)

- 1.1 Implement new PSSS Student Management Application – Web Based
- 1.2 Implementation of MOZAIK IS Systems Project for administrative and pedagogical services (Finance, HR, Payroll, Adult and Youth) Web based/hosted solution/Cloud services.
- 1.3 On-line(web) Recruitment tools & promotional content
- 1.4 On-line tools for employees, parents and students
- 1.5 Full implementation of electronic process of requisitions and purchase orders

•1.1 3 years

•1.2 5 years

•1.3 2 years

•1.4 3 years

•1.5 2-3 years





2016-2021 Strategic Action Plan Initiatives

2 **Learning (Implement technologies in Schools, Adult Education Centers and regional offices)**

- 2.1 Deployment of various new technologies in Schools & Adult Ed (tablets, video tools, interactive, etc.)
- 2.2 Implementation of full fiber optic high speed connectivity for Whapmagoostui
- 2.3 Help schools/depts better communicate with each other (Videoconference, Skype, MS Lync, LogMeIn, VIA, ZOOM, Polycom, etc)
- 2.4 Full implementation and integration of Electronic Archiving System
- 2.5 Full integration of schools and offices phone systems together to reduce long distance calls between communities (IP Telecommunications)
- 2.6 Migration of computers to Windows 10 and servers to Windows Server 2018
- 2.7 Full virtualization of servers and services, cloud services
- 2.8 Rosetta Stone On-Line/Cloud services

- 2.1 5 years
- 2.2 3-5 years
- 2.3 3 years
- 2.4 2-3 years
- 2.5 2-3 years
- 2.6 5 years
- 2.7 2-3 years
- 2.8 2-3 years





2016-2021 Strategic Action Plan Initiatives

3 Qualified, Competent and Engaged Staff + Organizational Behaviour and Effectiveness (Improving IT support at the local level & Regional level)

- 3.1 Coaching school and Adult Education administration staffs in regards to technologies procurements, guidelines, governance and policies
- 3.2 Mentoring, Training & supporting local schools' computer technicians
- 3.3 Capacity building – Hiring technicians at the local and regional levels, training requirements, & consultation services for I.T. staff, Succession plan
- 3.4 Provide training on use of various technologies (new position)

•3.1 5 years

•3.2 5 years

•3.3 3-5 years

•3.4 3-5 years





Conclusions

- Wrap-up





Questions?

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Meegwetch. Thank you. Merci.

