

# Sustainable Local Economic Development through ICT (SLED through ICT)

**“e-Government, Smart Cities, and Digital Societies for Sustainable Development”**  
Asia-Pacific Regional Forum

Plaza Athénée Bangkok Hotel in Bangkok, Thailand

Udaya Bahadur Ranamagar  
Mayor/Executive Officer  
Pokhara Sub-Metropolitan City Office, Pokhara, Kaski, Nepal  
[rana\\_udaya@yahoo.com](mailto:rana_udaya@yahoo.com)

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# Structure of Presentation

## **Section 1: Pokhara at a Glance**

## **Section 2: Concept**

- Urban Service Delivery and Socio-Economic Development
- ICT in Infrastructure Development
- Enhancement of Internal Revenue

## **Section 3: Application**

- Our Project
- Project Activities and Progress

## **Section 4: Further Plan**

## **Section 5: Lessons**

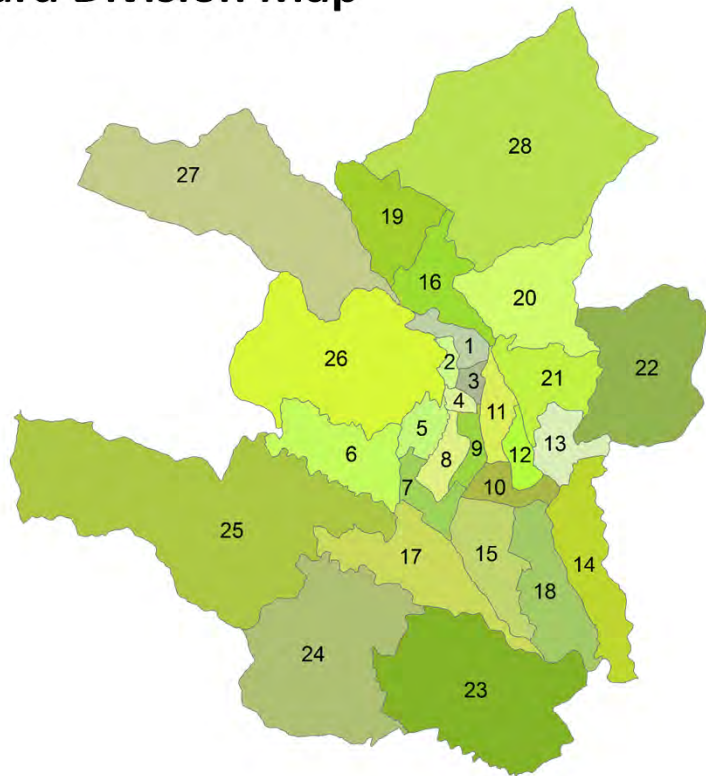
## Section 1: Pokhara at a Glance

- Establish in 1958
- Resumed into Town Panchayat in 1965
- Declared as municipality in 1990
- Sub-Metropolitan City in 1996
- Pokhara divided into 28 wards
- Total population: 313,841
- Area: 255.65 Sq. KM
- URL: [www.pokharamun.gov.np](http://www.pokharamun.gov.np)
- facebook.com/pokharamun
- info@pokharamun.gov.np

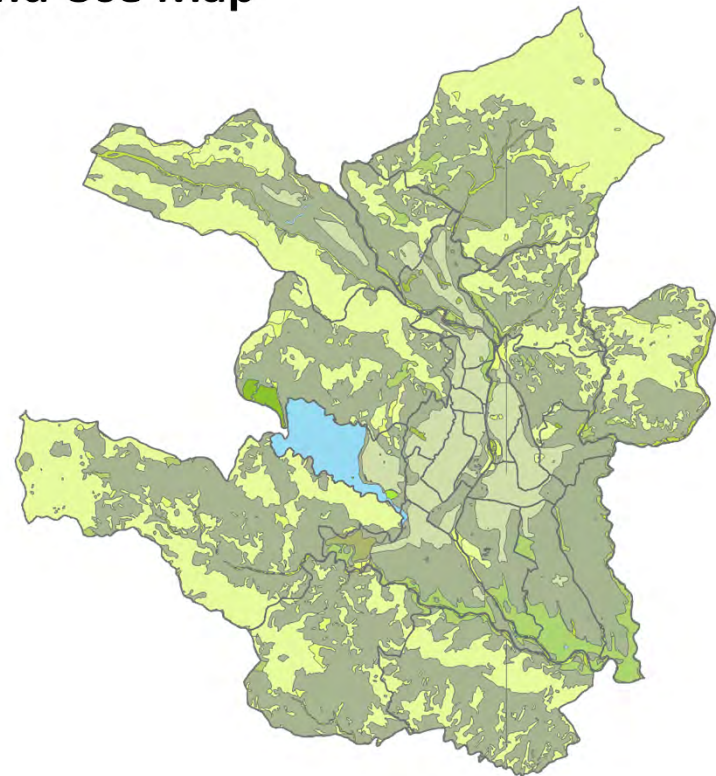


# Pokhara...

## Ward Division Map



## Land Use Map

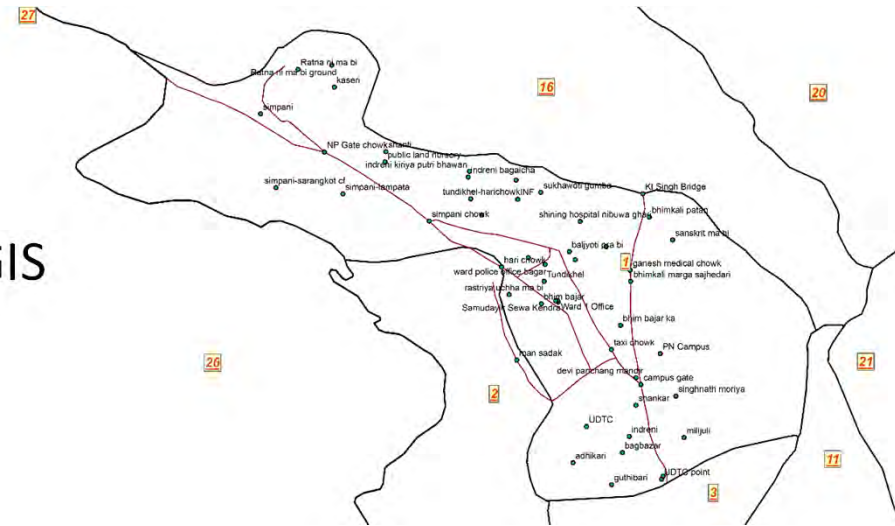


## Section 2: Concept Urban Service Delivery and Socio-Economic Development

- Participation in governance and development activities
  - poor, ethnic group, Disadvantaged Groups (DAG), marginalized communities
- Increase of Local Economic Activities through promotion of micro-enterprise
- Establishment of e-Commerce system for promotion of local micro-enterprises
- Urban Service decentralization to local level (Ward level) from data center at Municipal premises

## Section 2: Concept ICT in Infrastructure Development

- Well-equipped Wards and Municipality with GIS and other ICT resources to formulate yearly and periodic plan
- Updating of Resource Maps to formulate yearly and periodic plan
- Maintaining digital copy of all information generated in local bodies and wards
- Information Center established for knowledge sharing for local economy development
- Municipal Data Center Established



## Section 2: Concept Enhancement of Internal Revenue

- Establishment of Virtual Private Network communication between ward client and municipal server for the purpose of urban service delivery and tax collection
  - Tax Collection from Local level using ICT

## Section 2: Concept Enhancement of Internal Revenue

- Implementation of Local Personal Information System in ward level to maintain tax inventory by including tax payers
  - Gather data on all assets belonging to tax payers
  - Data will be managed locally
- Establishment of e-Taxation system



## Section 3: Application

### Our Project: SLED through ICT

**Project Period** : 18 months

**Goal:**

- Enhanced local economy,
- sustained development, and
- strengthened urban service delivery

## Section 3: Application

### Our Project: SLED through ICT

#### **Purpose :**

- Inclusive participation practiced in:
  - Governance and development activity for economic growth by using ICT
- GIS and other ICT resources used to:
  - increase people's contribution in sustainable social infrastructure development
- Structural mechanisms established to:
  - provide services from ward level by linking with municipal server

## Section 3: Application

### Our Project: SLED through ICT

**Budget : NRs. 63.476 million = approx. USD 0.622**

**Newly formed IPT Section**



**Municipal Server Installation**



## Section 3: Application

### Project Activities and Progress

- Development of policy and guidelines referring to ICT usage and its implementation
- Ward capacity enhancement regarding ICT infrastructure and staff's capacity
- Gather and manage ICT Resources
- Collect and manage GIS and other data

## Section 3: Application

### Project Activities and Progress

- Municipal data center established and operation ongoing
- Intra-office networking managed and optimized for efficient e-service delivery
- Process ongoing for urban service delivery decentralization from ward offices
- Preliminary activities initiated for Municipal Family Personal Information System
- Solar lights installed in major roads and ongoing to increase coverage of solar light lit roads

## Section 4: Further Plan

- Preparation of detailed tax inventory of tax payers
- Collection and management of population data in diverse categories
- Management/instantaneous update of inventory of road infrastructure
- Gather and manage information regarding road infrastructure
- Preparation of GIS map in very precise and granular way utilizing GPS and GIS server for:
  - Land use,
  - Disaster Risk Management
- Establishing “Connected City” for better service delivery using wireless communication zones

## Section 5: Learning

*through ICT:*

- Effective urban service delivery can be established
- Local economy can be boosted
- Tax inventory of all eligible tax payers can be prepared for enhancing the Municipal Internal Revenue
- Interrelation between the citizen and Pokhara Sub-metropolitan can be strengthened

# Pokhara in Picture

**Pokhara City**



**World Peace Pagoda**





# Pokhara in Picture

**Paragliding over Fewa Lake**



**Devi's Falls**



# Pokhara in Picture

**International Mountaineering Museum**



**Bindabasini Temple**





## Suggestions and Queries



Thank you !  
For queries  
Udaya Bahadur Ranamagar  
email : [rana\\_udaya@yahoo.com](mailto:rana_udaya@yahoo.com)