

### 3.7. Infrastructure and services theme

The strategic outcomes for the infrastructure and services theme are expressed in section 3.7.1. Specific outcomes for the infrastructure and services theme are further refined and expressed for each of the following elements:

- (1) Section 3.7.2 - Interregional networks;
- (2) Section 3.7.3 – Local area networks.

#### 3.7.1. Strategic outcomes

- (1) Infrastructure and services are planned and delivered in a logical, timely and cost effective manner which:
  - (a) supports the identified settlement pattern,
  - (b) is fit for purpose;
  - (c) is sensitive to cultural and environmental values;
  - (d) meets the long term needs of the community, industry and business; and
  - (e) achieves the desired standards of service in Part 4.

#### 3.7.2. Interregional networks

##### 3.7.2.1. Specific outcomes

- (1) Key sites and corridors for current and future infrastructure and services including those identified on strategic framework maps SFM-01 to SFM-04 are protected from inappropriate development.
- (2) Federal, State and approved private infrastructure networks are delivered in an integrated and co-ordinated way that supports the settlement pattern.
- (3) Telecommunications infrastructure meets the needs of the community, industry and business.
- (4) Utility installations and infrastructure services and their corridors including bulk water supply networks, gas pipelines, major electricity infrastructure and substations, are protected from encroachment and impacts of development.
- (5) Development is provided with energy adequate to satisfy community needs and where possible accommodate sustainable/alternative energy options such as solar.

#### 3.7.3. Local area networks

##### 3.7.3.1. Specific outcomes

- (1) The local function component of State and Federal infrastructure networks is recognised as a legitimate and integral function of these networks.
- (2) Local areas are supplied with infrastructure meeting specified desired standards of service which meet the need of residents and other users, in a timely manner and in accordance with the Council's infrastructure planning.
- (3) Development in urban places, industrial places and centres is serviced by or connected to:
  - (a) a reliable supply of potable water;
  - (b) a reliable sewerage network;
  - (c) effective stormwater drainage and treatment;
  - (d) an effective and safe transport network;
  - (e) a reliable and safe electricity network; and
  - (f) communication networks.
- (4) Waste is safely and efficiently managed to meet relevant environmental requirements at the

optimal cost.

- (5) Opportunities for renewable and alternative energy generation occur where local infrastructure network, environmental and community impacts are mitigated.
- (6) Development contributes to the delivery of necessary infrastructure to the extent provided for by Councils infrastructure planning and adopted Council infrastructure charging and conditioning arrangements.

**3.7.3.2. Land use strategies**

- (1) The primary and most cost-effective water supply source for urban development on the Capricorn Coast will continue to be that provided by the Water Park Creek catchment.
- (2) The Rockhampton to Yeppoon water pipeline provides a secondary means to supply water to accommodate additional growth at the coast should additional water entitlements not be secured from Water Park Creek.